Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

Quantitation Report (Not Reviewed)

Data File : VL033753.D
Acq On : 22 May 2019 20:47
Operator : SY/AP
Sample : K2929-09
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Quant Time: May 23 04:24:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	5.76	49	1036675	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	7.29	114	2672707	10.00	ppbv		0.00
55) Chlorobenzene-d5	12.23	117	2707092	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	14.56	95	2128873	9.70	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.07	85	33222	0.152	ppbv		99
3) Chlorodifluoromethane	2.98	51	82520	0.695	ppbv	#	81
4) Chloromethane	3.17	50	15949	0.235	ppbv	#	86
8) Dichlorotetrafluoroethane	3.22	85	1856	0.011	ppbv	#	79
9) Propene	3.03	41	8693286	172.118	ppbv		100
10) Heptane	8.24	43	1353280	9.462	ppbv		100
11) Trichlorofluoromethane	4.00	101	77355	0.371	ppbv		98
12) 1,1,2-Trichlorotrifluoroet	4.55	101	20549	0.141	ppbv		98
13) Ethanol	3.65	45	447903	27.437	ppbv		99
15) Acetone	3.89	43	9559059	66.459	ppbv	#	87
16) 1,3-Butadiene	3.34	39	5101156	89.060	ppbv	#	27
17) tert-Butyl alcohol	4.36	59	71863	0.618	ppbv	#	72
19) Isopropyl Alcohol	4.03	45	265840	2.866	ppbv	#	94
20) Methylene Chloride	4.41	84	67842	1.225	ppbv	#	89
21) Allyl Chloride	4.46	41	182303	2.032	ppbv	#	1
23) Vinyl Acetate	5.14	43	328409	1.732	ppbv	#	1
24) 1,1-Dichloroethane	5.12	63	12398	0.086	ppbv	#	90
25) Ethyl Acetate	5.76	43	2562670	10.142	ppbv		99
26) Hexane	5.78	57	1264674	11.643	ppbv	#	85
27) Carbon Disulfide	4.62	76	633554	4.251	ppbv		100
29) Chloroform	5.85	83	860718	4.302	ppbv		100
30) Cyclohexane	7.24	84	159977	1.752	ppbv	#	71
31) cis-1,2-Dichloroethene	5.76	61	232792	2.161	ppbv	#	25
32) 1,1,1-Trichloroethane	6.61	97	4834	0.024	ppbv	#	1
34) 2-Butanone	5.32	43	1123688	6.783	ppbv		99
35) Carbon Tetrachloride	7.13	117	359482	1.679	ppbv		97
36) Benzene	7.00	78	1526447	6.278	ppbv		98
37) 1,2-Dichloroethane	6.40	62	2197	0.014	ppbv	#	83
38) Trichloroethene	7.95	130	4403	0.049	ppbv	#	78
39) 1,2-Dichloropropane	7.29	63	674997	7.447	ppbv	#	22
41) Tetrahydrofuran	6.15	42	12256	0.132	ppbv	#	65
42) Bromodichloromethane	7.57	83	5189	0.024	ppbv		92
43) Methyl Methacrylate	8.11	69	2540	0.028	ppbv	#	1
44) 2,2,4-Trimethylpentane	7.98	57	496741	1.209	ppbv	#	73
50) 4-Methyl-2-Pentanone	8.87	43	139710	0.548	ppbv		100
51) 2-Hexanone	10.24	43	193005	0.970	ppbv	#	53
52) Tetrachloroethene	11.36	164	10673	0.125	ppbv	#	61
53) Toluene	9.94	91	11953609	45.584	ppbv		95
58) Ethyl Benzene	12.85	91	2068023	5.769	ppbv		99
59) m/p-Xylene	13.11	91	5811262	18.544	ppbv		96
60) o-Xylene	13.84	91	1988700	6.295	ppbv		98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

Quantitation Report (Not Reviewed)

Data File : VL033753.D
Acq On : 22 May 2019 20:47
Operator : SY/AP
Sample : K2929-09
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Quant Time: May 23 04:24:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
61) Styrene	13.68	104	61799	0.291	ppbv		94
62) Isopropylbenzene	14.81	105	122055	0.287	ppbv		100
64) n-propylbenzene	15.71	120	48680	0.442	ppbv	#	1
65) tert-Butylbenzene	16.91	119	125096	0.322	ppbv	#	66
66) Benzyl Chloride	16.91	91	133061	0.719	ppbv	#	75
67) sec-Butylbenzene	17.44	105	31515	0.058	ppbv		96
69) p-Isopropyltoluene	17.80	119	7816	0.017	ppbv	#	2
70) n-Butylbenzene	18.72	91	85016	0.176	ppbv	#	58
71) 2-Chlorotoluene	15.47	91	42795	0.136	ppbv	#	53
72) 4-Ethyltoluene	15.99	105	463828	1.284	ppbv		98
73) 1,3,5-Trimethylbenzene	16.15	105	316166	0.897	ppbv		97
74) 1,2,4-Trimethylbenzene	16.91	105	1130205	2.947	ppbv	#	75
75) 1,3-Dichlorobenzene	17.15	146	20863	0.089	ppbv	#	45
76) 1,4-Dichlorobenzene	17.30	146	30130	0.135	ppbv	#	72
79) Naphthalene	22.41	128	48443	0.136	ppbv		97
80) Naphthalene,2-methyl-	25.10	142	5418	0.040	ppbv	#	53

(#) = qualifier out of range (m) = manual integration (+) = signals summed

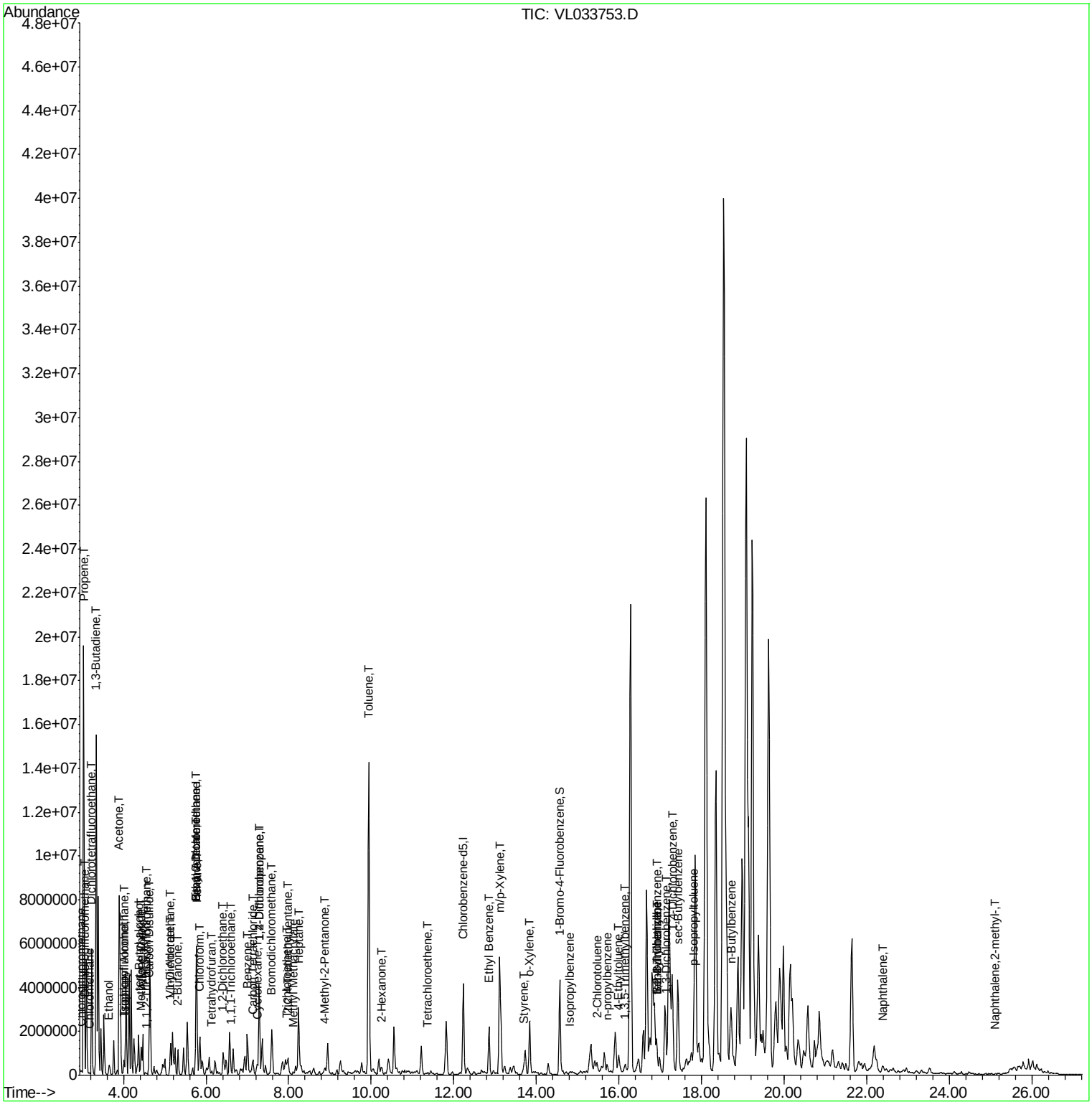
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL052219\

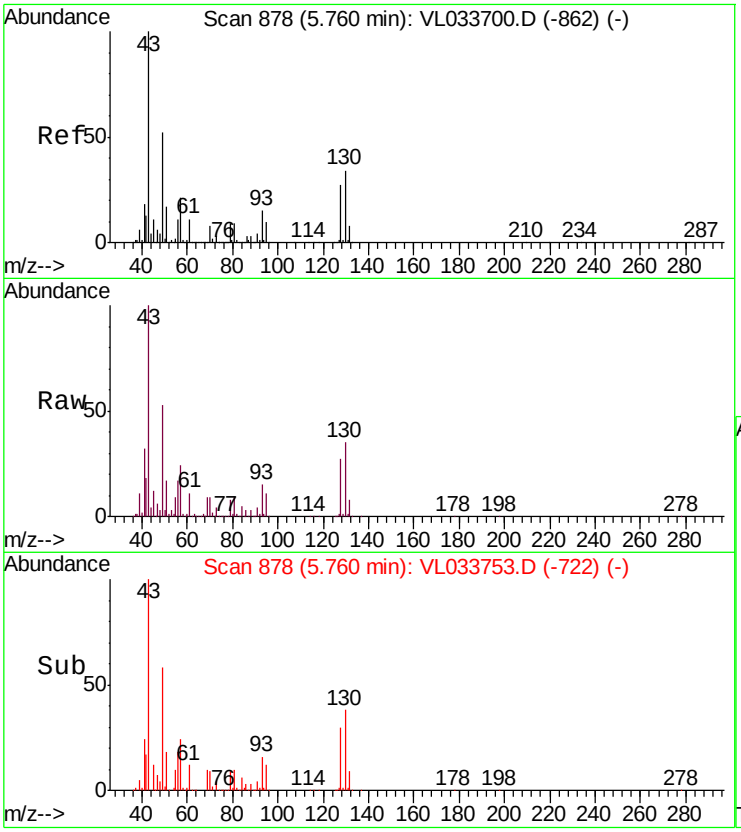
Quantitation Report (Not Reviewed)

Data File : VL033753.D
Acq On : 22 May 2019 20:47
Operator : SY/AP
Sample : K2929-09
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Quant Time: May 23 04:24:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL051719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri May 17 08:15:41 2019
QLast Update : Fri May 17 08:15:41 2019
Response via : Initial Calibration



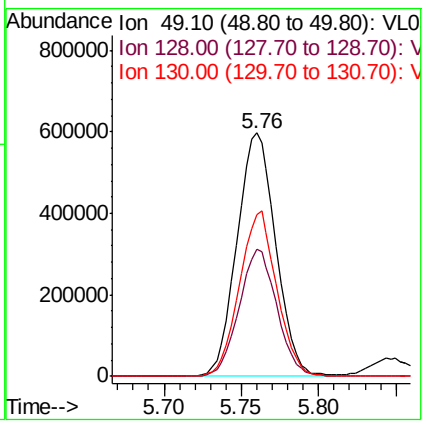


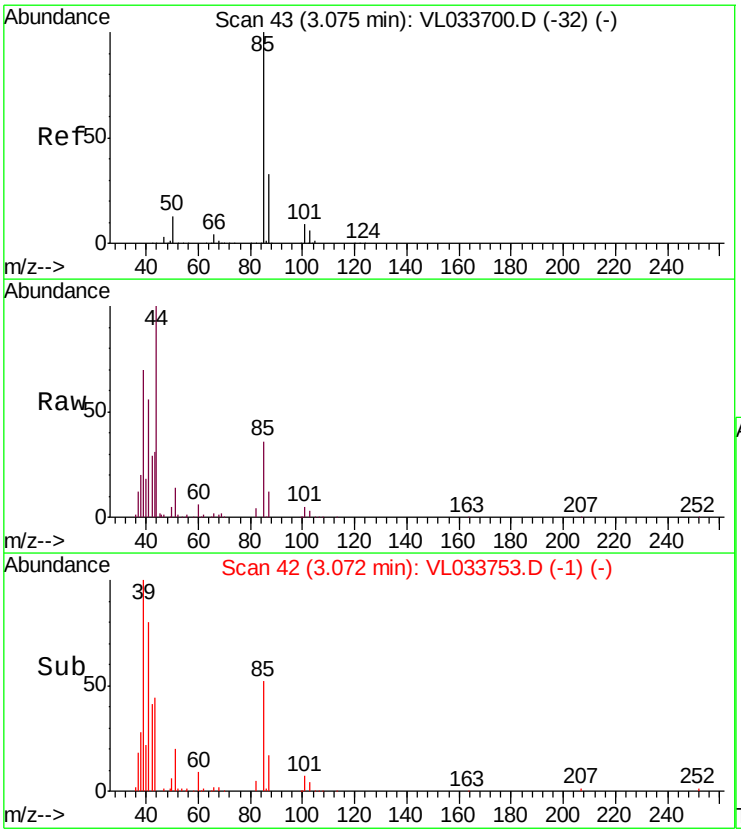
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.76 min Scan# 878
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 49 Resp: 1036675

Ion	Ratio	Lower	Upper
49	100		
128	51.1	25.2	75.6
130	65.7	32.5	97.5

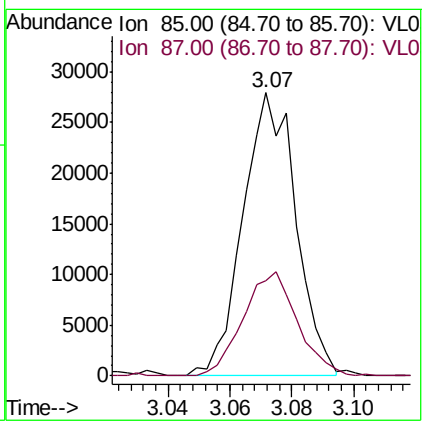


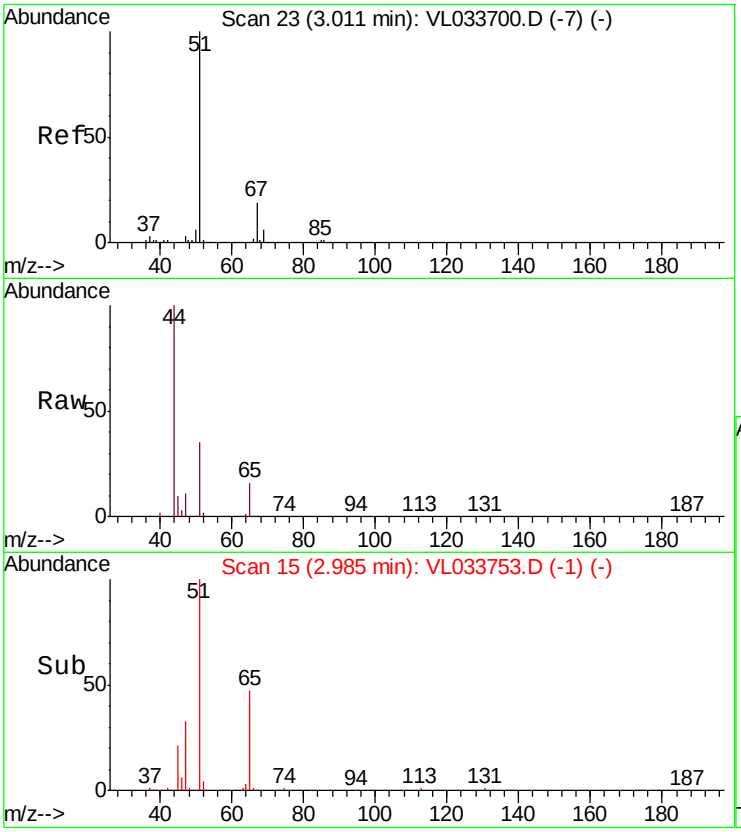


#2
Dichlorodifluoromethane
Concen: 0.152 ppbv
RT: 3.07 min Scan# 42
Delta R.T. -0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 85 Resp: 33222

Ion	Ratio	Lower	Upper
85	100		
87	33.7	26.3	39.5



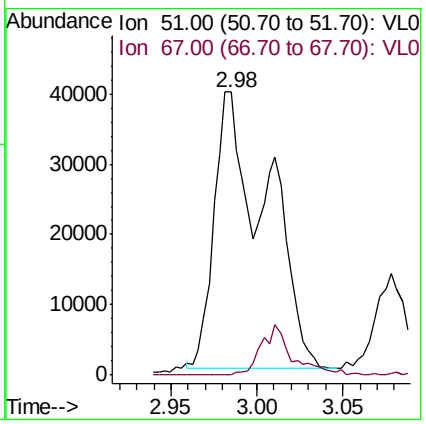


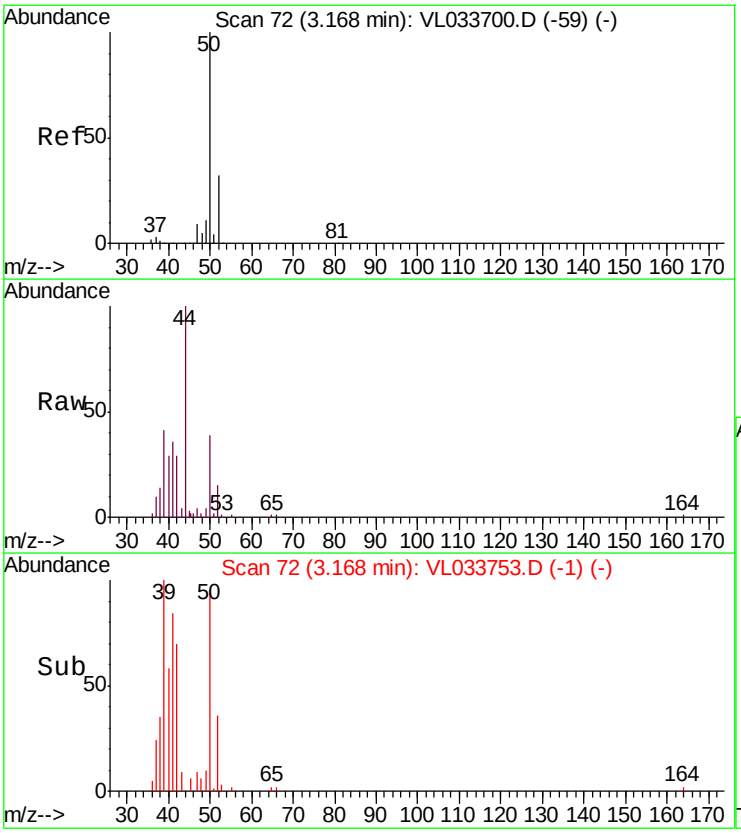
#3
Chlorodifluoromethane
Concen: 0.695 ppbv
RT: 2.98 min Scan# 15
Delta R.T. -0.03 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 51 Resp: 82520

Ion	Ratio	Lower	Upper
51	100		
67	11.0	15.6	23.4#

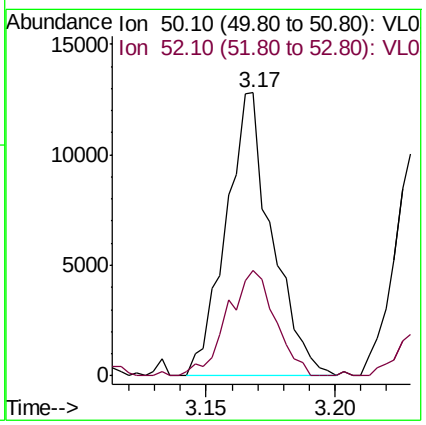


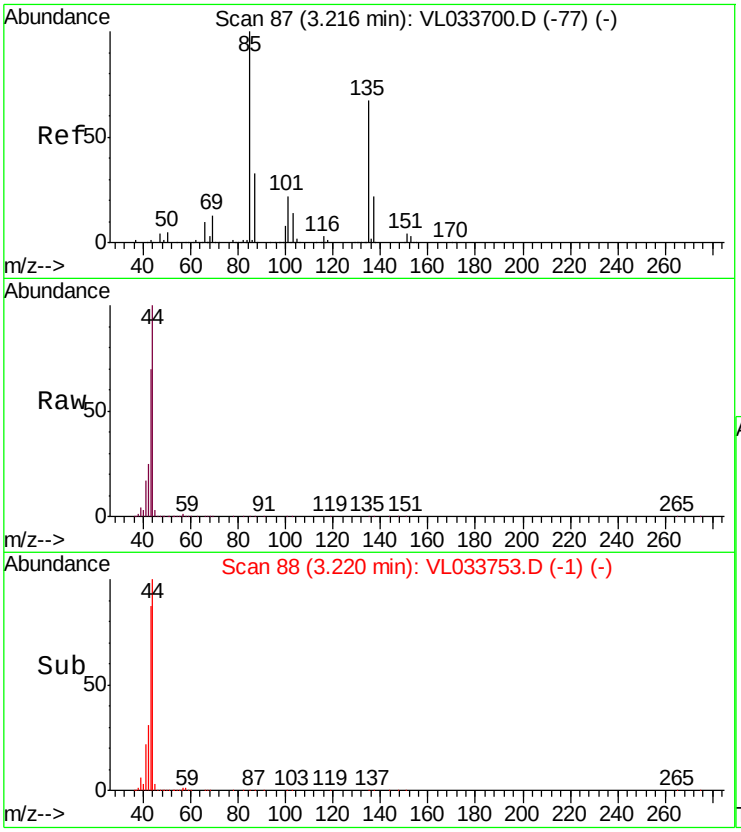


#4
Chloromethane
Concen: 0.235 ppbv
RT: 3.17 min Scan# 72
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 50 Resp: 15949

Ion	Ratio	Lower	Upper
50	100		
52	39.9	25.7	38.5#



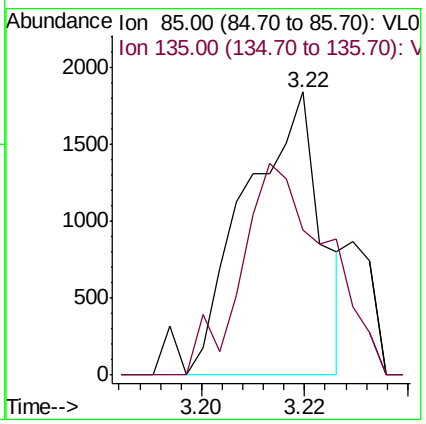


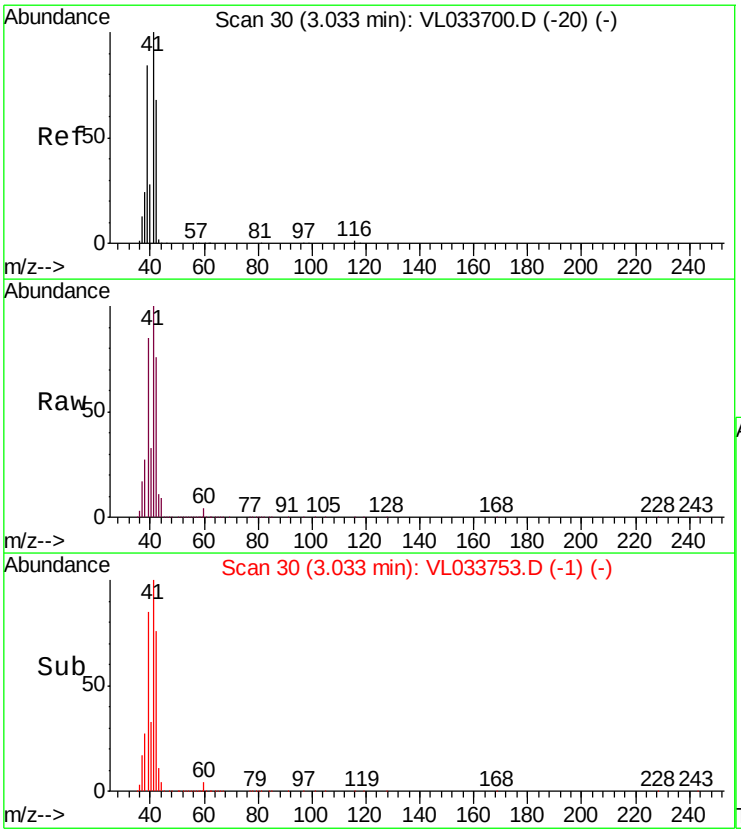
#8
Dichlorotetrafluoroethane
Concen: 0.011 ppbv
RT: 3.22 min Scan# 88
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 85 Resp: 1856

Ion	Ratio	Lower	Upper
85	100		
135	85.1	54.5	81.7#

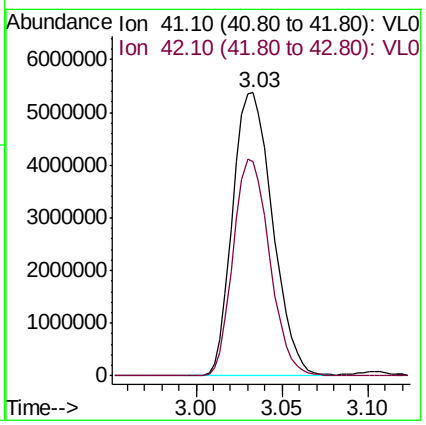


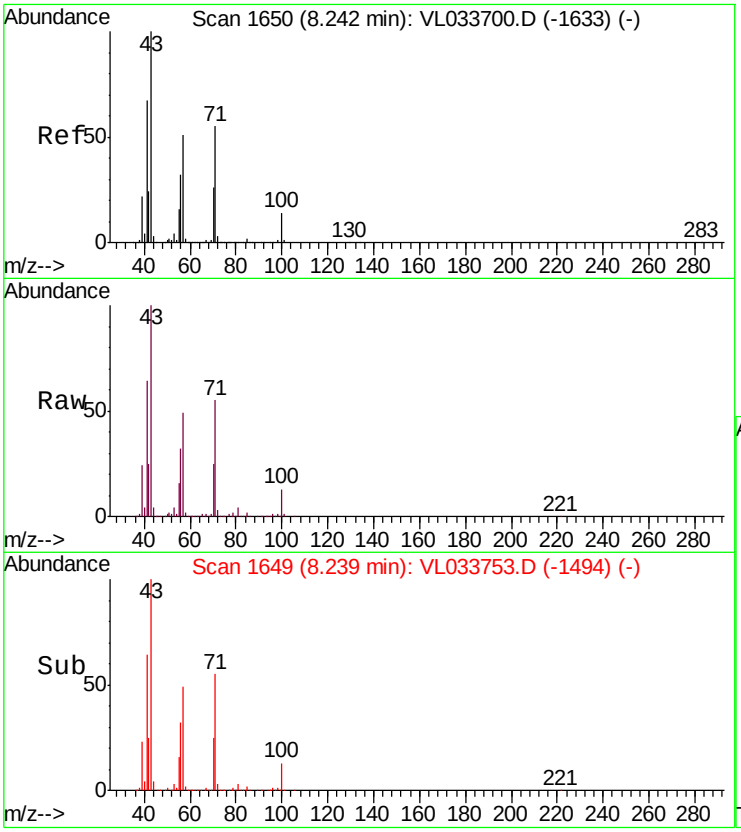


#9
Propene
Concen: 172.118 ppbv
RT: 3.03 min Scan# 30
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 41 Resp: 8693286

Ion	Ratio	Lower	Upper
41	100		
42	70.1	56.1	84.1



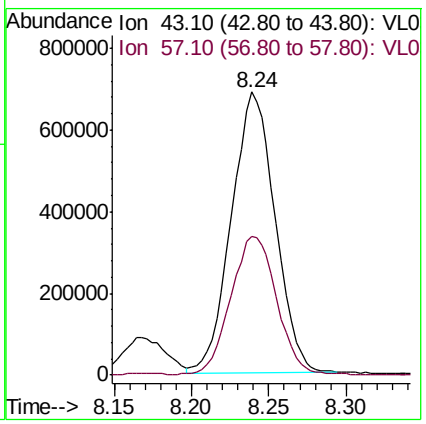


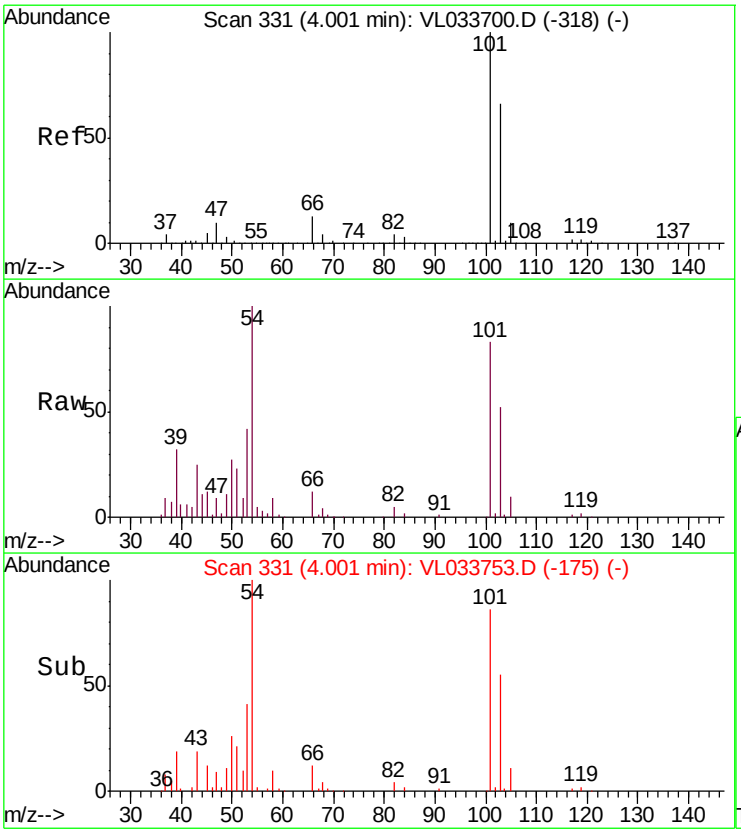
#10
Heptane
Concen: 9.462 ppbv
RT: 8.24 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 43 Resp: 1353280

Ion	Ratio	Lower	Upper
43	100		
57	51.6	41.4	62.0

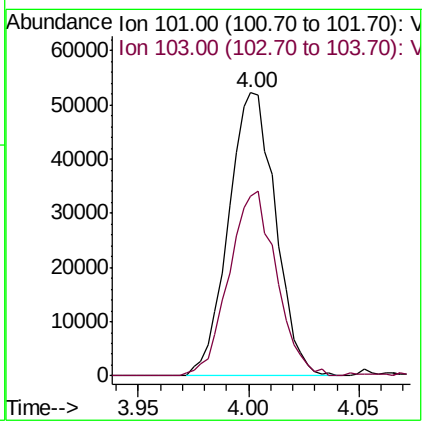


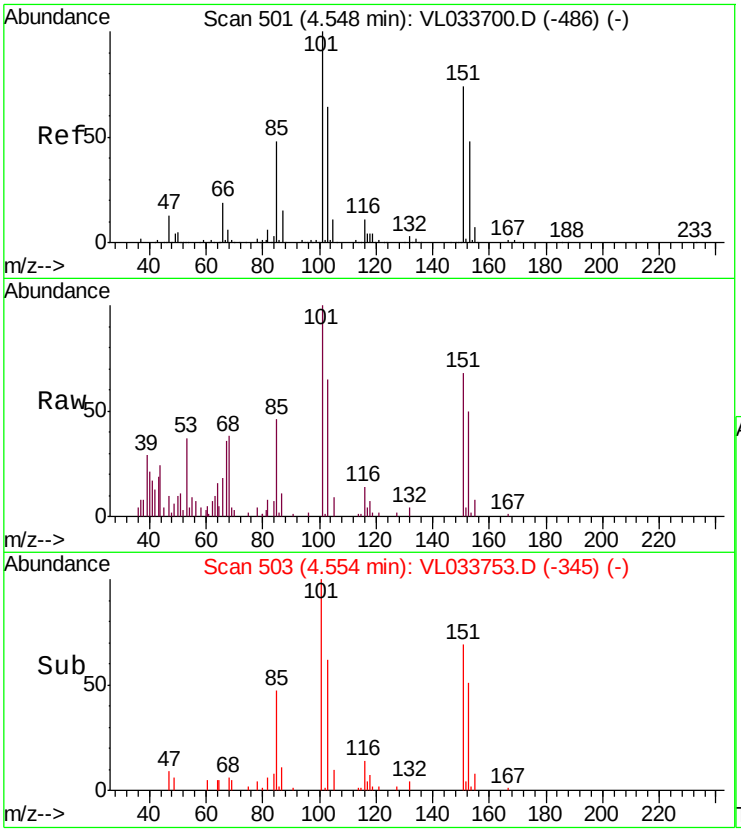


#11
Trichlorofluoromethane
Concen: 0.371 ppbv
RT: 4.00 min Scan# 331
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:101 Resp: 77355

Ion	Ratio	Lower	Upper
101	100		
103	64.3	52.6	78.8



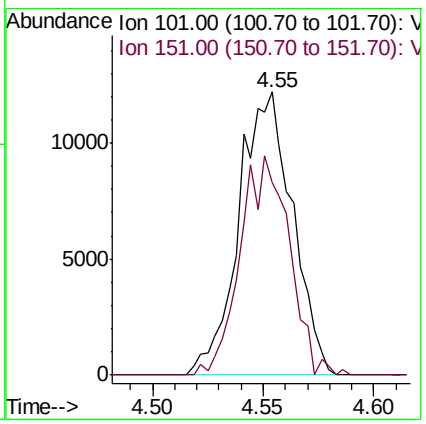


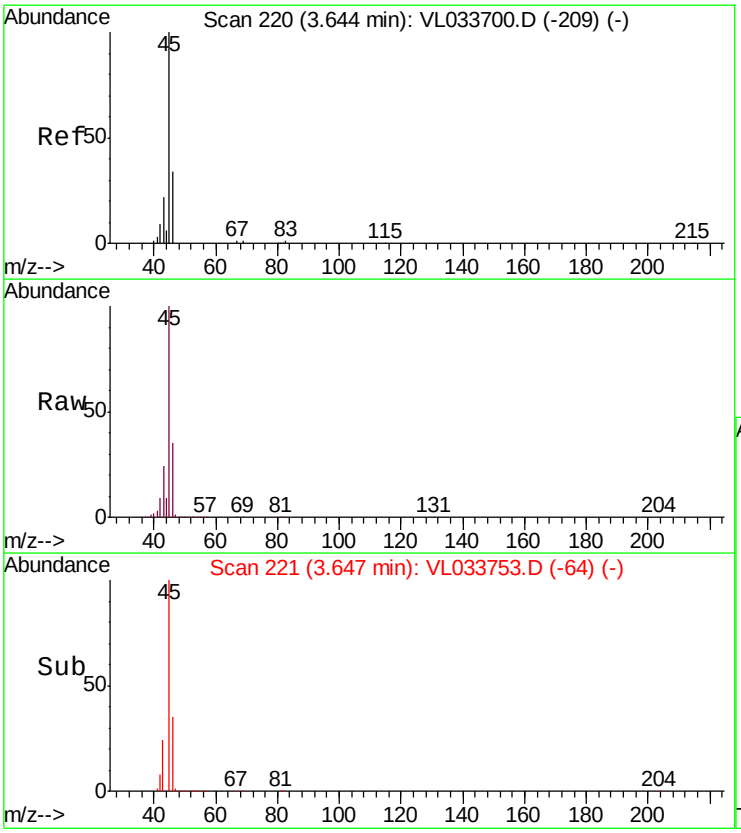
#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.141 ppbv
RT: 4.55 min Scan# 503
Delta R.T. 0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion:101 Resp: 20549

Ion	Ratio	Lower	Upper
101	100		
151	70.8	58.2	87.4

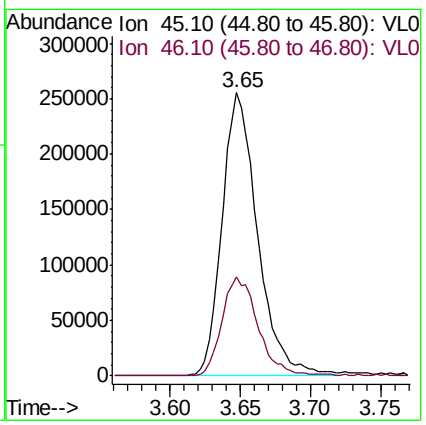


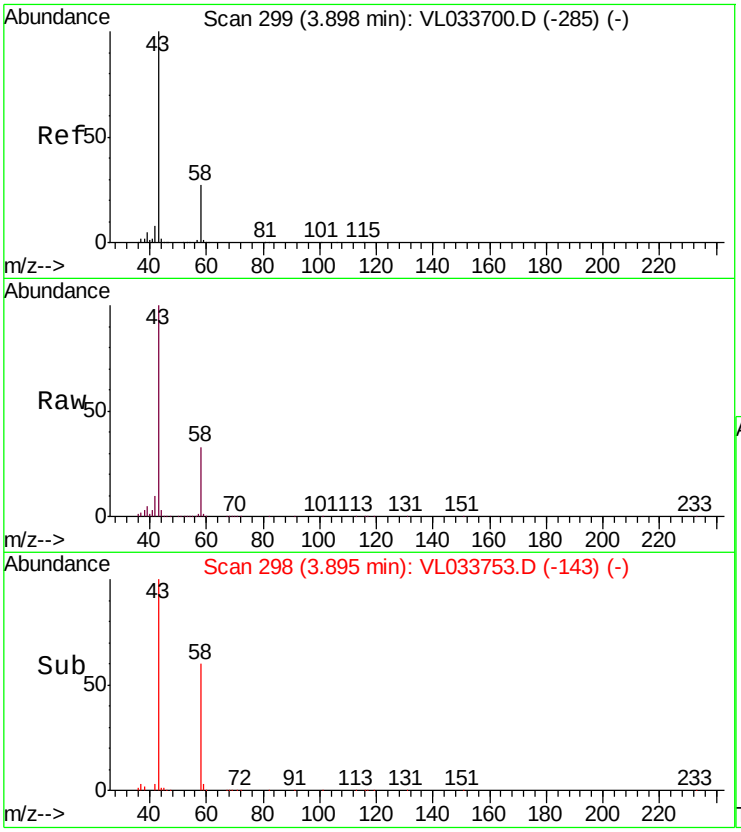


#13
Ethanol
Concen: 27.437 ppbv
RT: 3.65 min Scan# 221
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 45 Resp: 447903

Ion	Ratio	Lower	Upper
45	100		
46	36.1	14.8	59.0



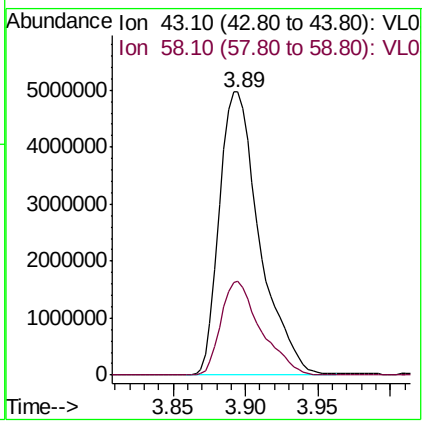


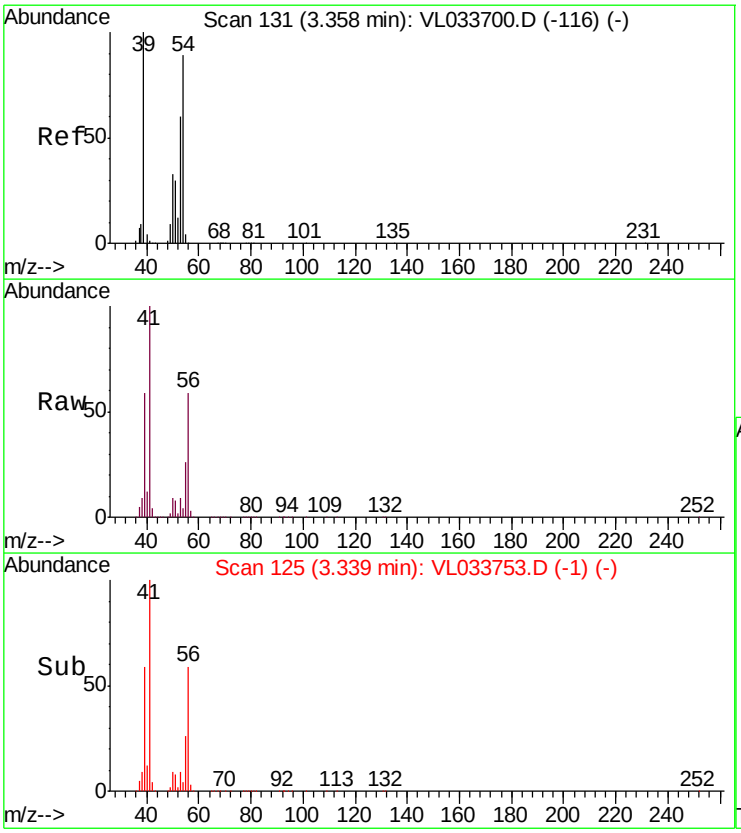
#15
Acetone
Concen: 66.459 ppbv
RT: 3.89 min Scan# 298
Delta R.T. -0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 43 Resp: 9559059

Ion	Ratio	Lower	Upper
43	100		
58	33.1	21.3	31.9#

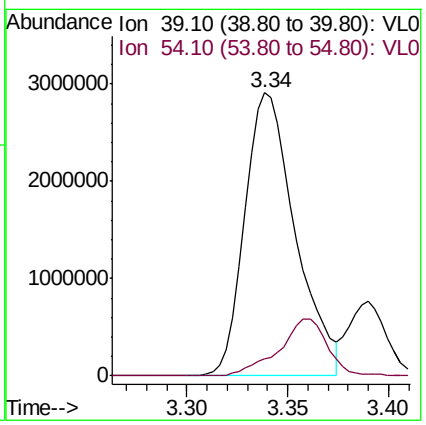


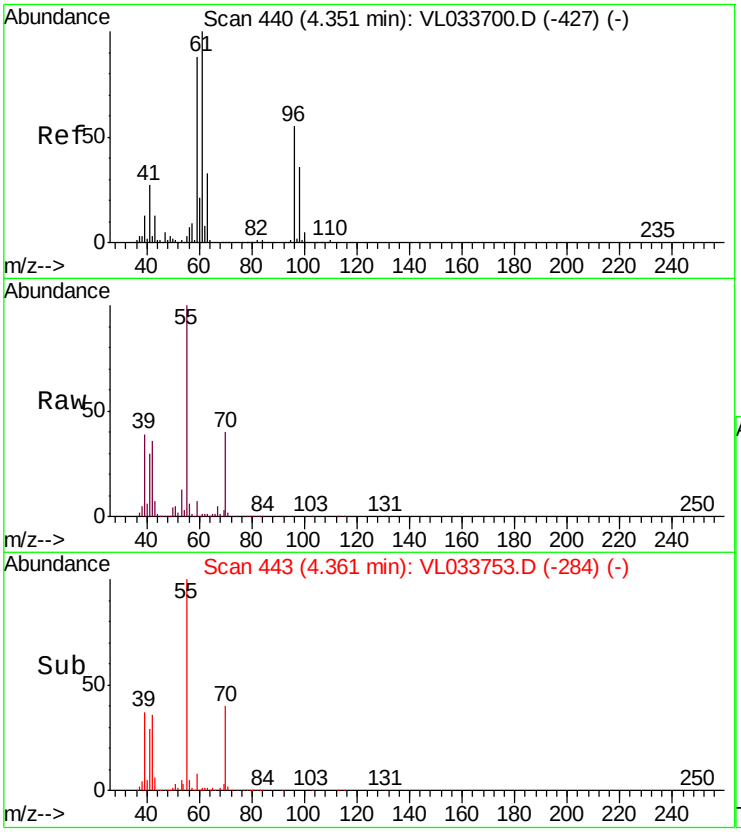


#16
1,3-Butadiene
Concen: 89.060 ppbv
RT: 3.34 min Scan# 125
Delta R.T. -0.02 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 39 Resp: 5101156

Ion	Ratio	Lower	Upper
39	100		
54	19.1	69.0	103.6#



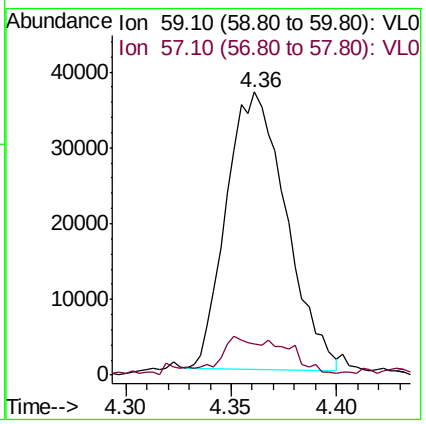


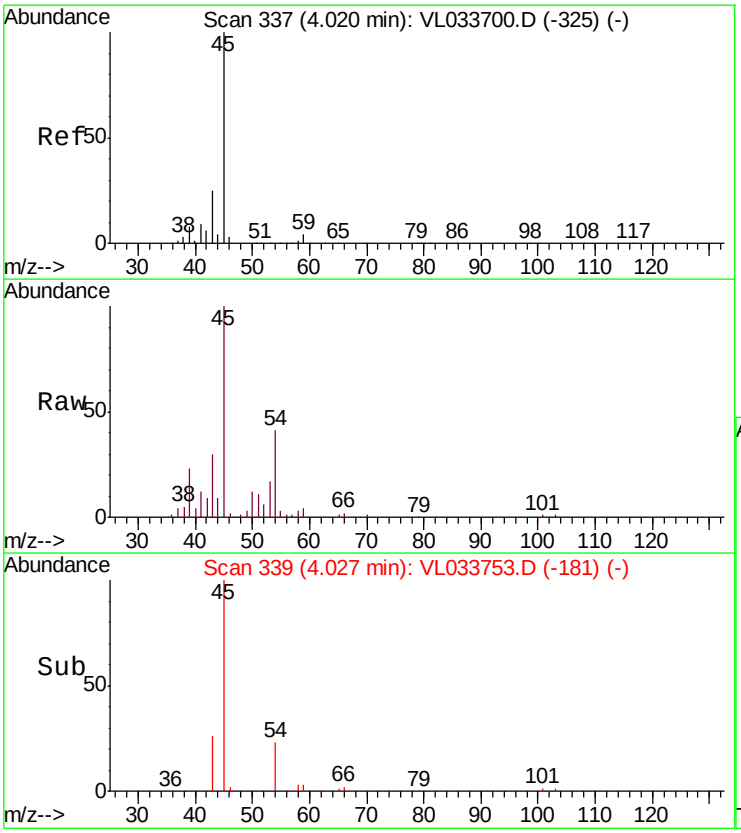
#17
tert-Butyl alcohol
Concen: 0.618 ppbv
RT: 4.36 min Scan# 443
Delta R.T. 0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 59 Resp: 71863

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#

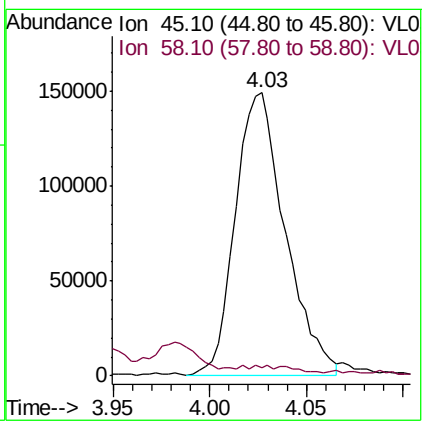


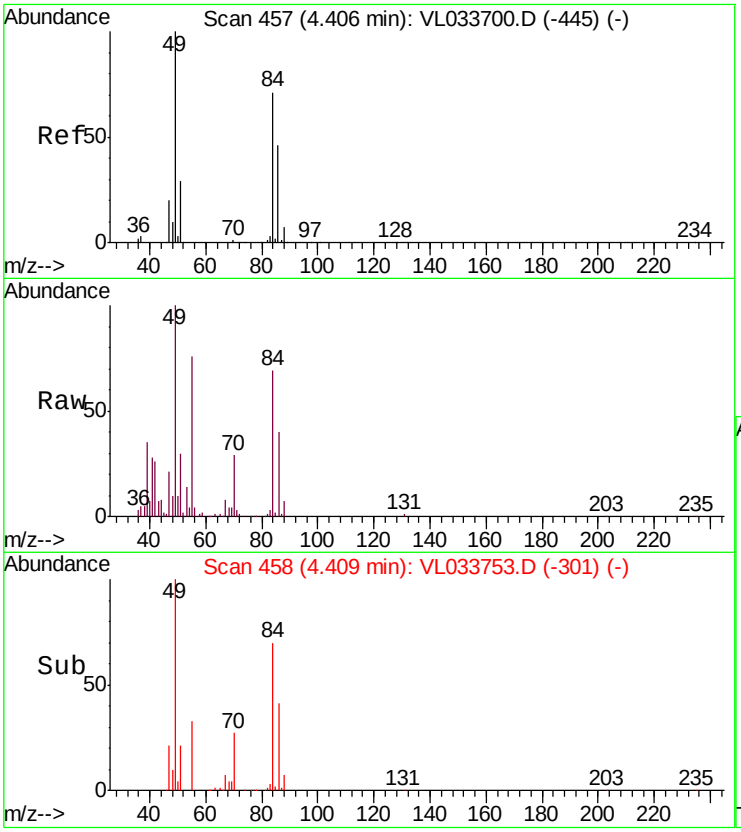


#19
Isopropyl Alcohol
Concen: 2.866 ppbv
RT: 4.03 min Scan# 339
Delta R.T. 0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 45 Resp: 265840

Ion	Ratio	Lower	Upper
45	100		
58	0.0	1.6	2.4#



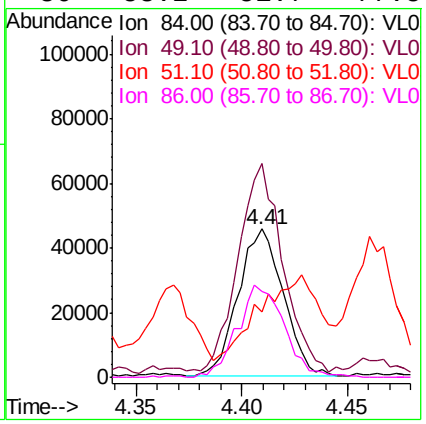


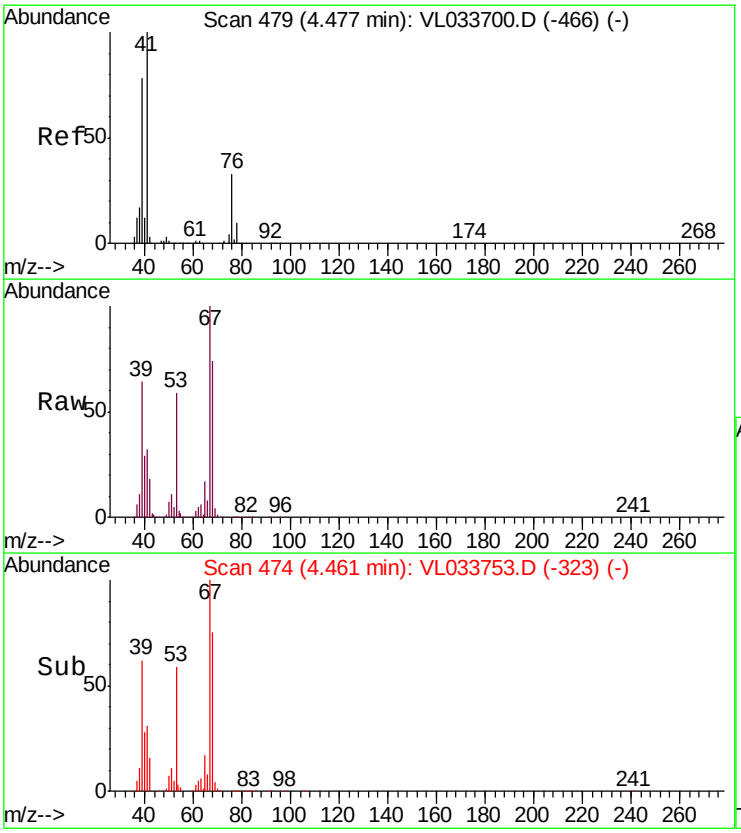
#20
Methylene Chloride
Concen: 1.225 ppbv
RT: 4.41 min Scan# 458
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Tgt Ion: 84 Resp: 67842

Ion	Ratio	Lower	Upper
84	100		
49	140.6	112.8	169.2
51	9.6	33.4	50.0#
86	58.2	51.7	77.5

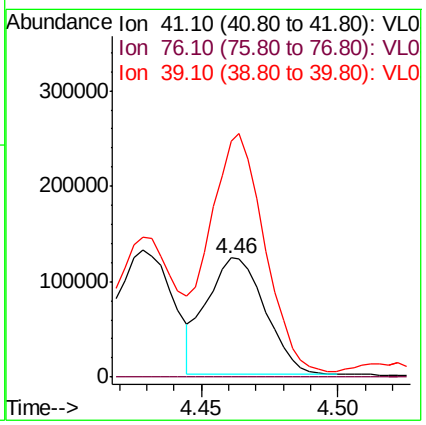


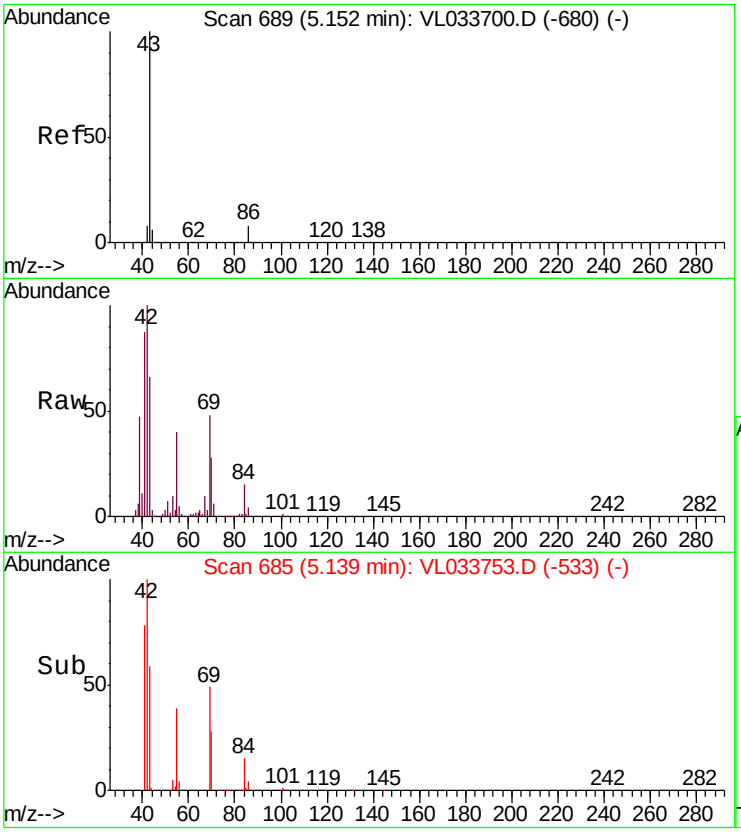


#21
Allyl Chloride
Concen: 2.032 ppbv
RT: 4.46 min Scan# 474
Delta R.T. -0.02 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 41 Resp: 182303

Ion	Ratio	Lower	Upper
41	100		
76	0.0	25.9	38.9#
39	305.8	64.6	97.0#



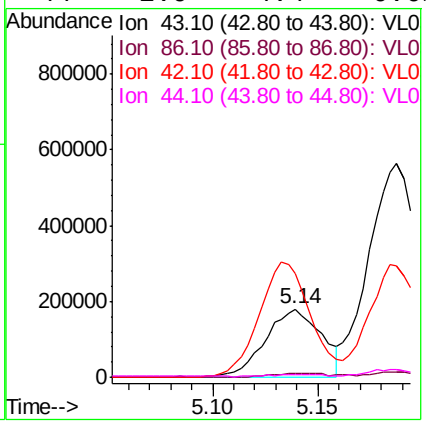


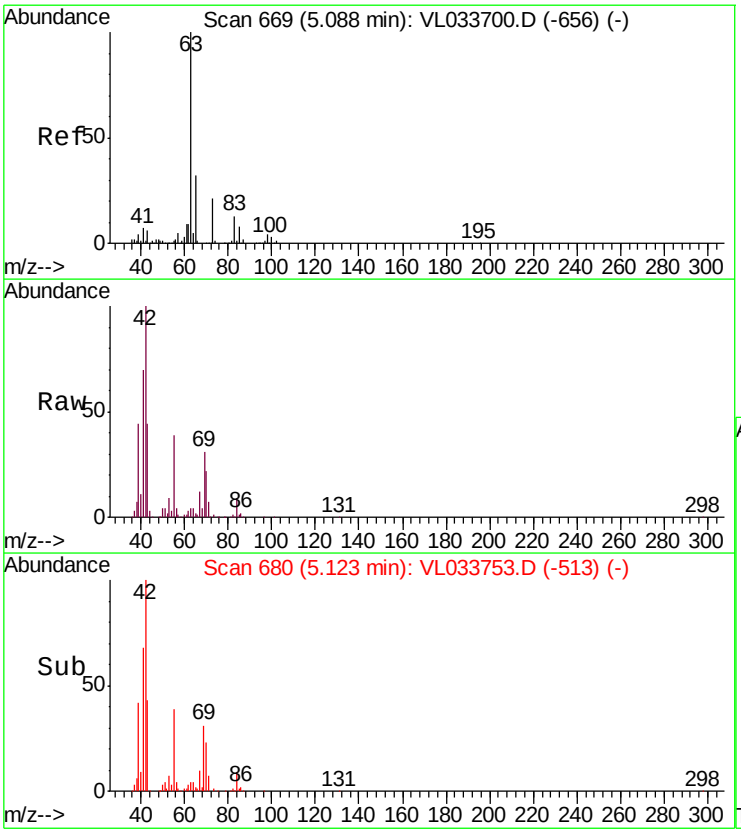
#23
Vinyl Acetate
Concen: 1.732 ppbv
RT: 5.14 min Scan# 685
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 43 Resp: 328409

Ion	Ratio	Lower	Upper
43	100		
86	6.0	6.0	9.0#
42	152.9	7.5	11.3#
44	2.9	4.4	6.6#

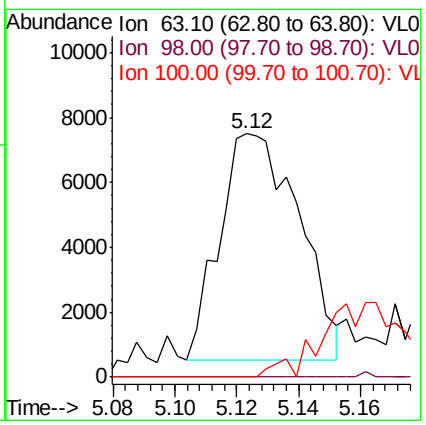


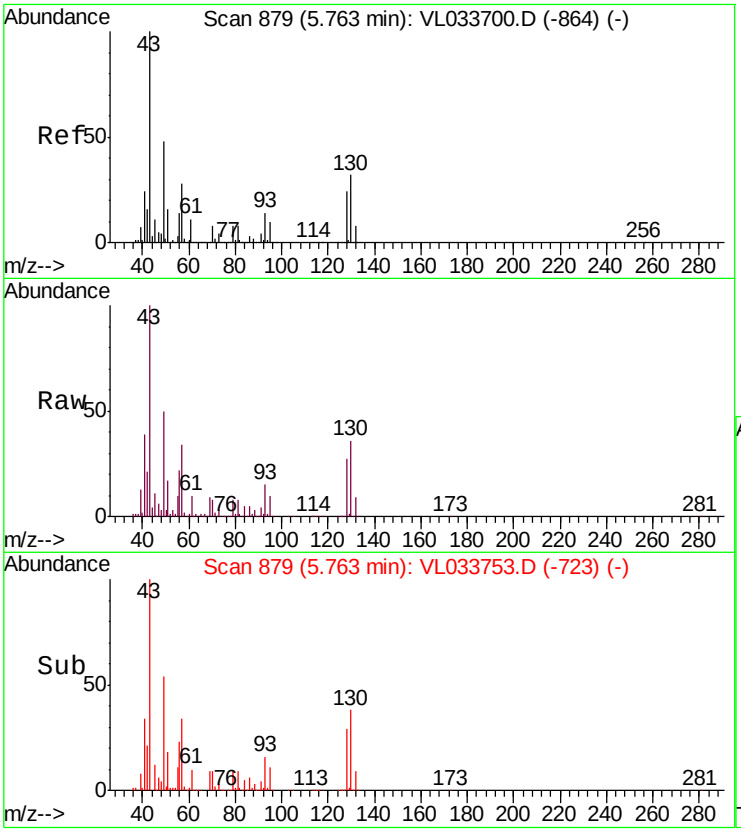


#24
1,1-Dichloroethane
Concen: 0.086 ppbv
RT: 5.12 min Scan# 680
Delta R.T. 0.04 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 63 Resp: 12398

Ion	Ratio	Lower	Upper
63	100		
98	0.0	1.8	5.5#
100	0.0	1.4	4.2#



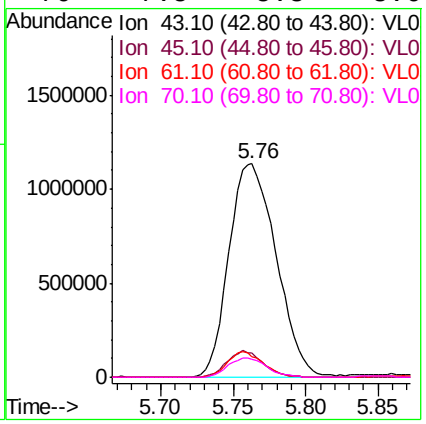


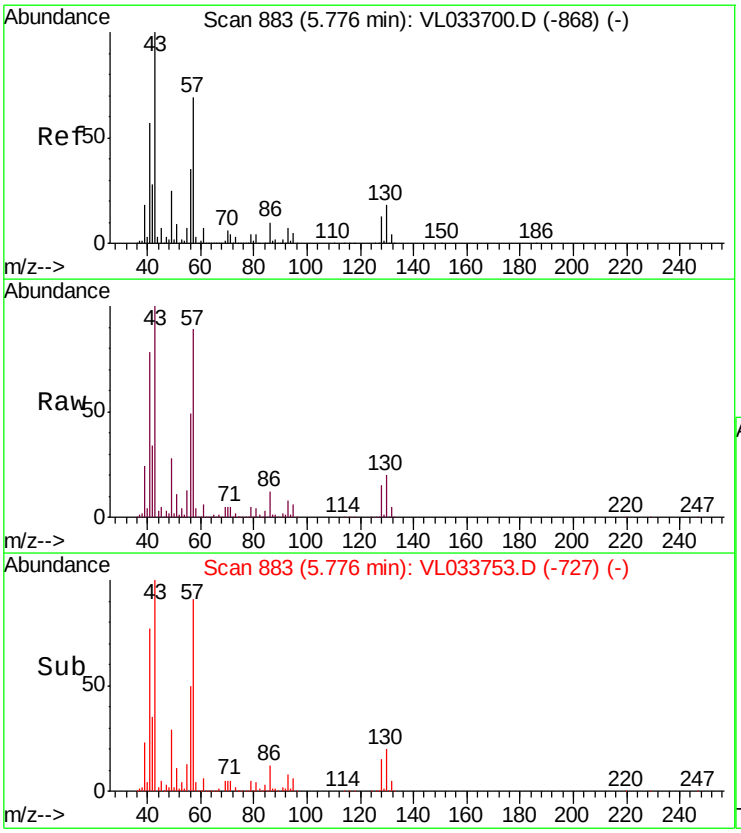
#25
Ethyl Acetate
Concen: 10.142 ppbv
RT: 5.76 min Scan# 879
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 43 Resp: 2562670

Ion	Ratio	Lower	Upper
43	100		
45	9.6	7.9	11.9
61	9.1	7.7	11.5
70	7.5	5.8	8.6

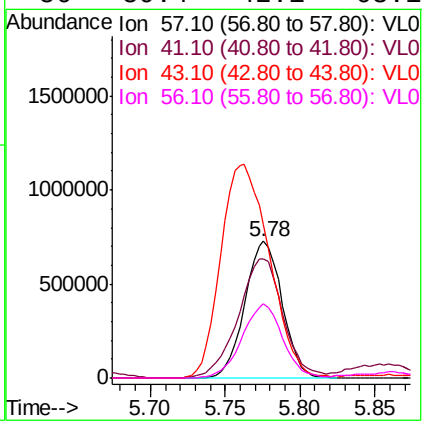


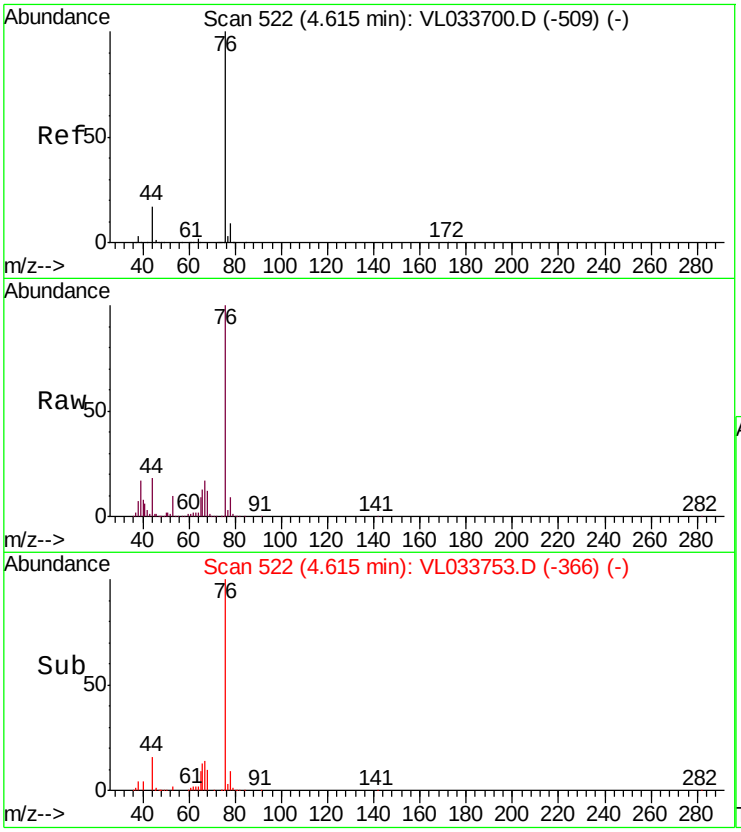


#26
Hexane
Concen: 11.643 ppbv
RT: 5.78 min Scan# 883
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 57 Resp: 1264674

Ion	Ratio	Lower	Upper
57	100		
41	105.0	69.8	104.6#
43	203.3	181.8	272.6
56	59.4	42.1	63.1



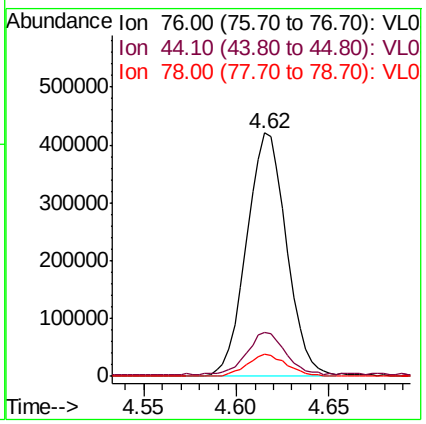


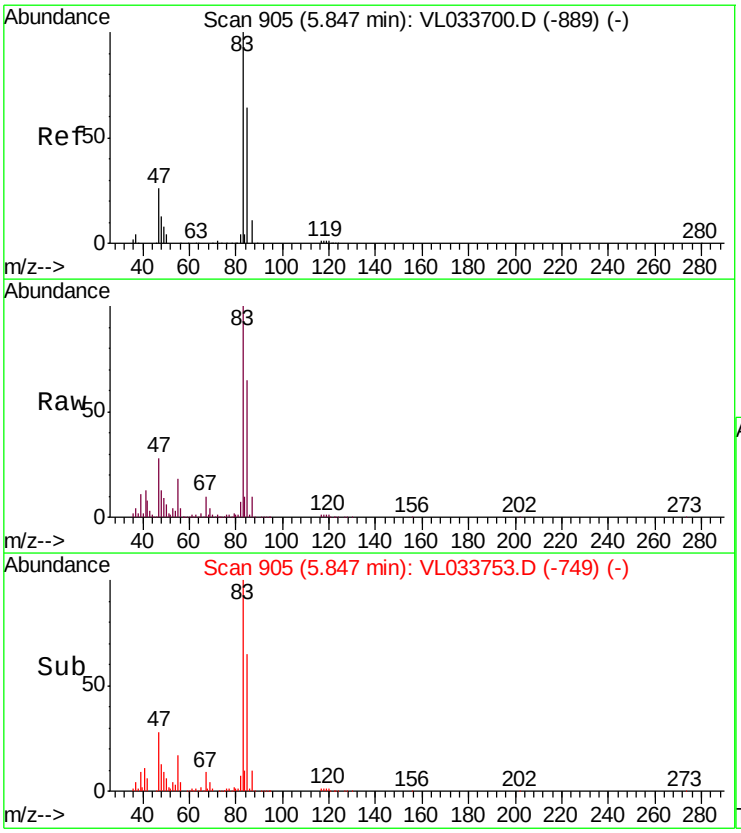
#27
Carbon Disulfide
Concen: 4.251 ppbv
RT: 4.62 min Scan# 522
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 76 Resp: 633554

Ion	Ratio	Lower	Upper
76	100		
44	17.5	13.8	20.8
78	9.3	7.4	11.0

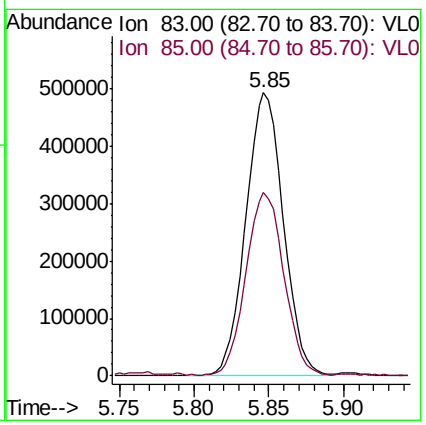


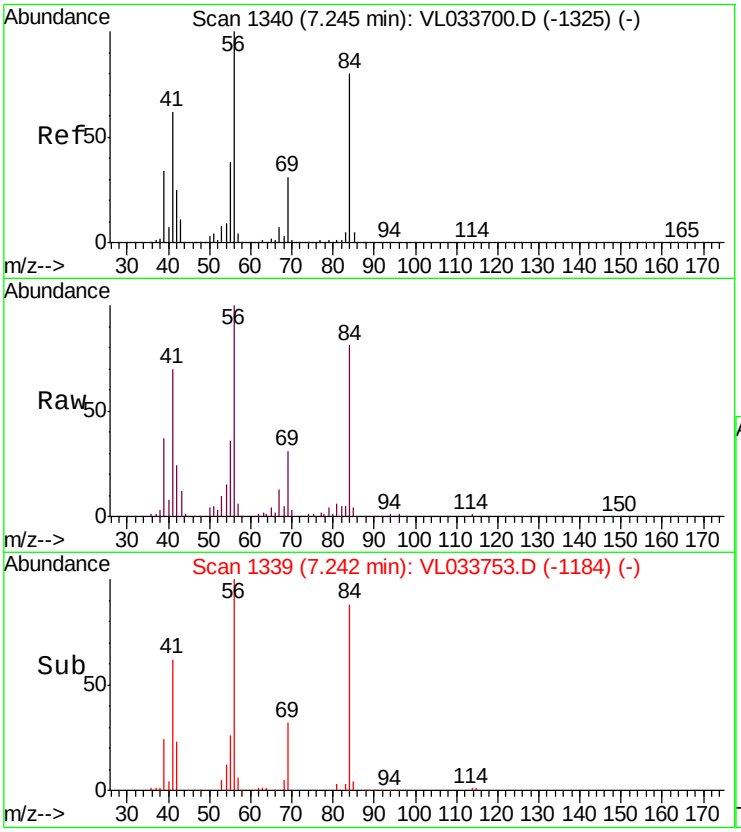


#29
Chloroform
Concen: 4.302 ppbv
RT: 5.85 min Scan# 905
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 83 Resp: 860718

Ion	Ratio	Lower	Upper
83	100		
85	64.5	51.5	77.3



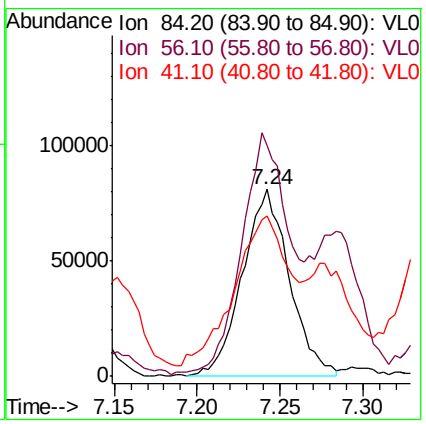


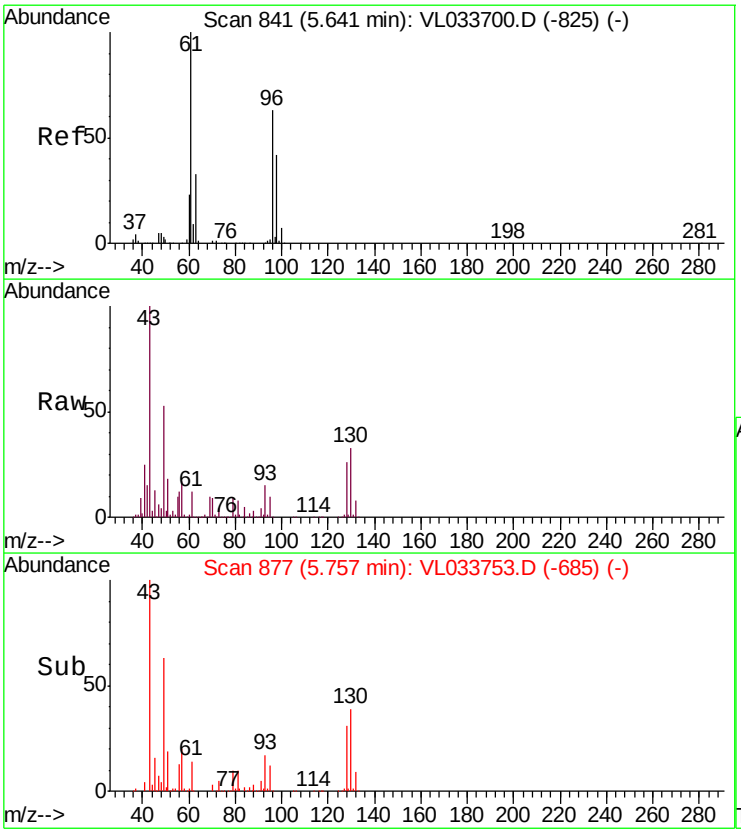
#30
Cyclohexane
Concen: 1.752 ppbv
RT: 7.24 min Scan# 1339
Delta R.T. -0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 84 Resp: 159977

Ion	Ratio	Lower	Upper
84	100		
56	127.2	107.7	161.5
41	142.8	66.0	99.0#

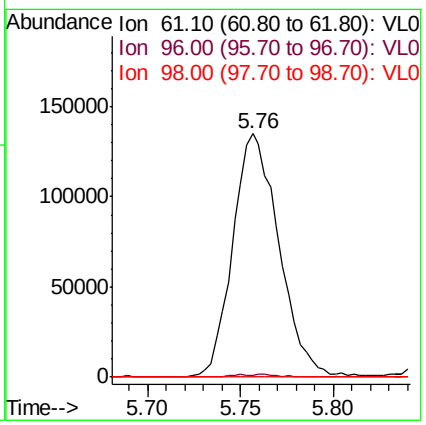


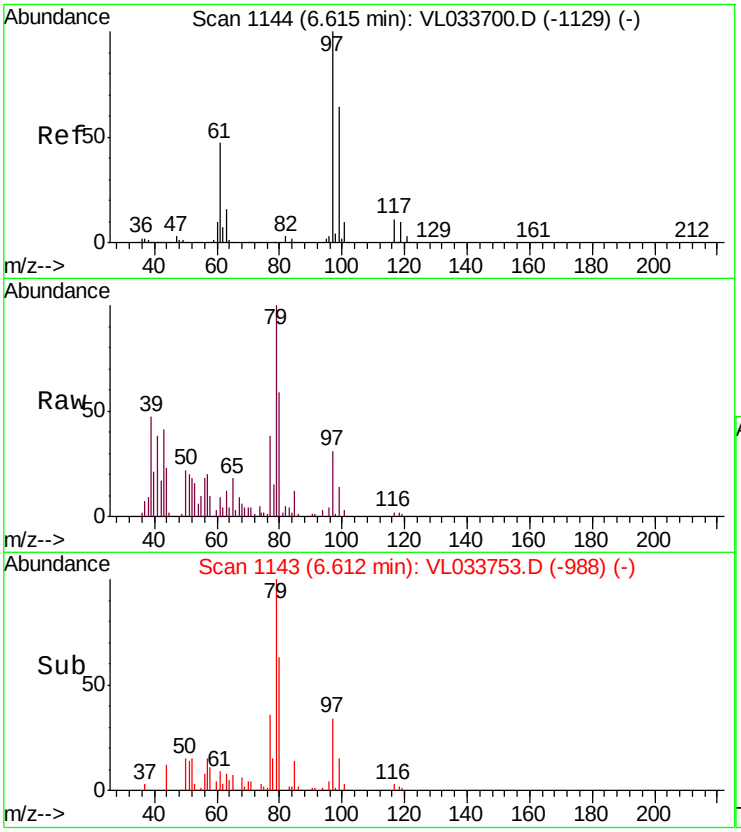


#31
cis-1,2-Dichloroethene
Concen: 2.161 ppbv
RT: 5.76 min Scan# 877
Delta R.T. 0.12 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 61 Resp: 232792

Ion	Ratio	Lower	Upper
61	100		
96	0.9	50.8	76.2#
98	0.0	33.3	49.9#



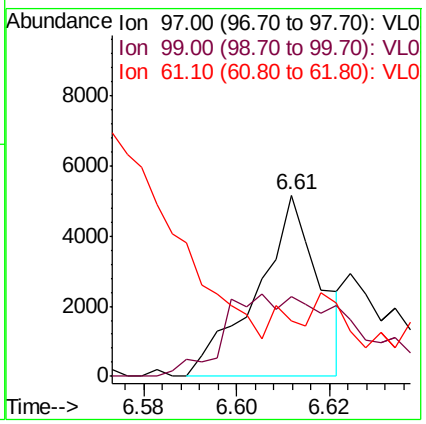


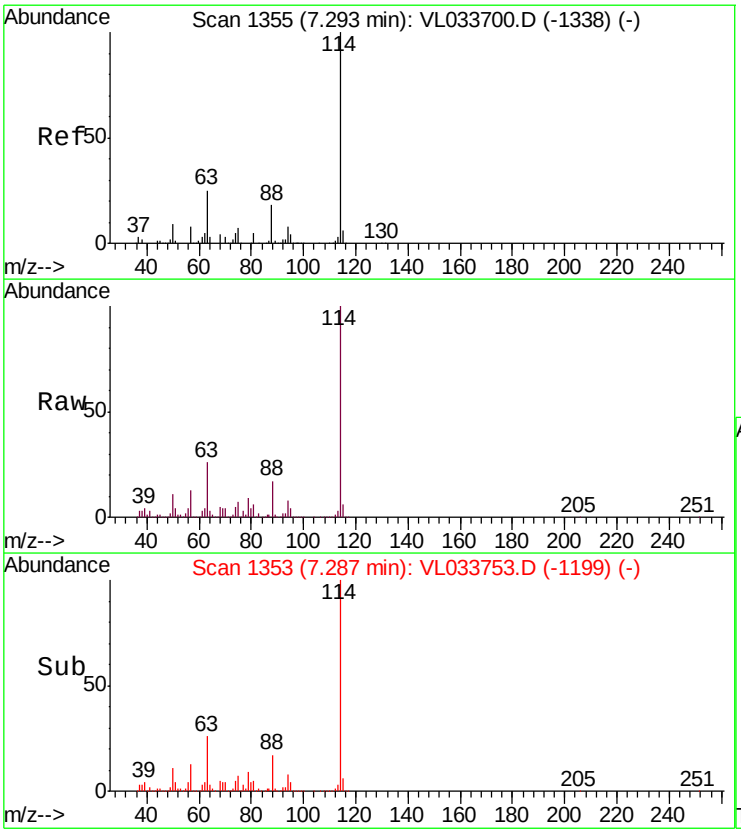
#32
1,1,1-Trichloroethane
Concen: 0.024 ppbv
RT: 6.61 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 97 Resp: 4834

Ion	Ratio	Lower	Upper
97	100		
99	99.1	51.5	77.3#
61	345.6	37.8	56.8#

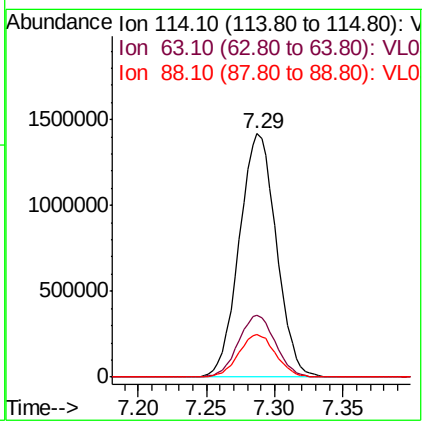


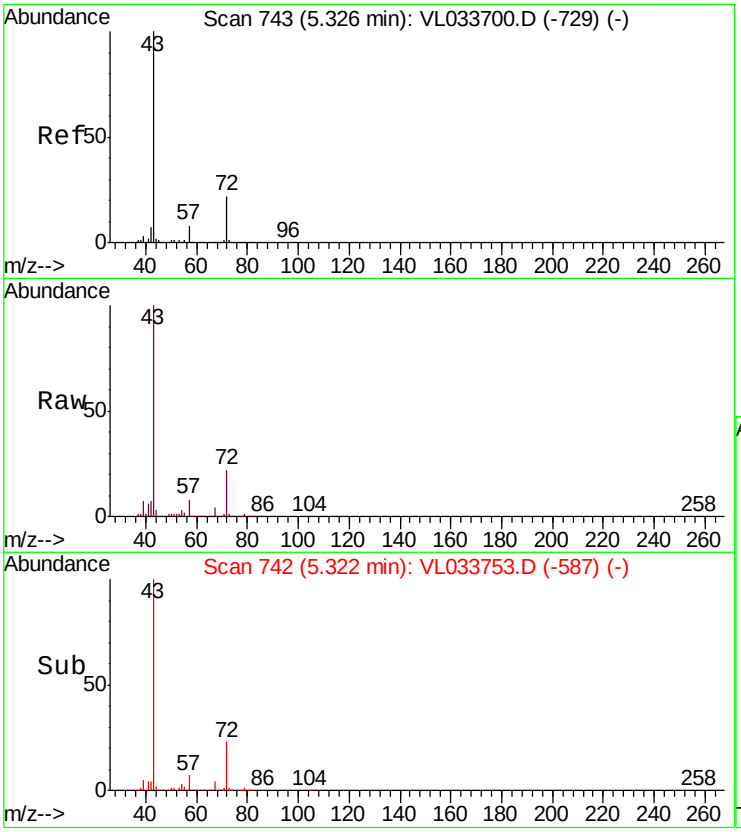


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:114 Resp: 2672707

Ion	Ratio	Lower	Upper
114	100		
63	25.5	20.9	31.3
88	17.5	14.3	21.5



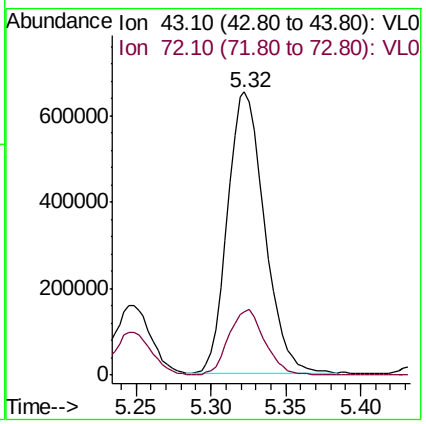


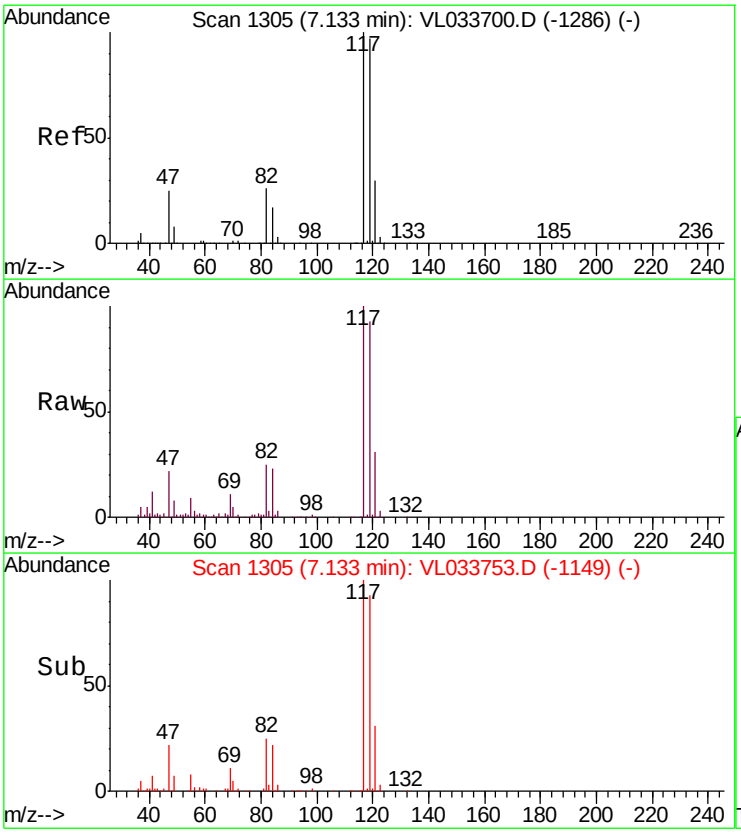
#34
2-Butanone
Concen: 6.783 ppbv
RT: 5.32 min Scan# 742
Delta R.T. -0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 43 Resp: 1123688

Ion	Ratio	Lower	Upper
43	100		
72	22.8	17.8	26.6

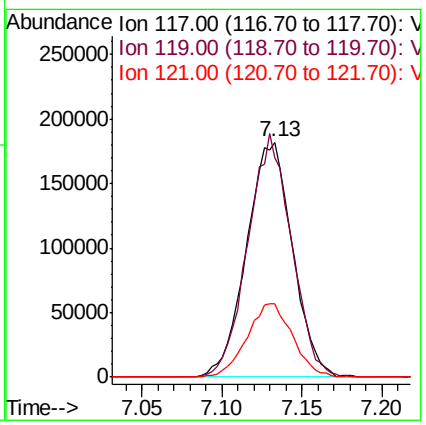


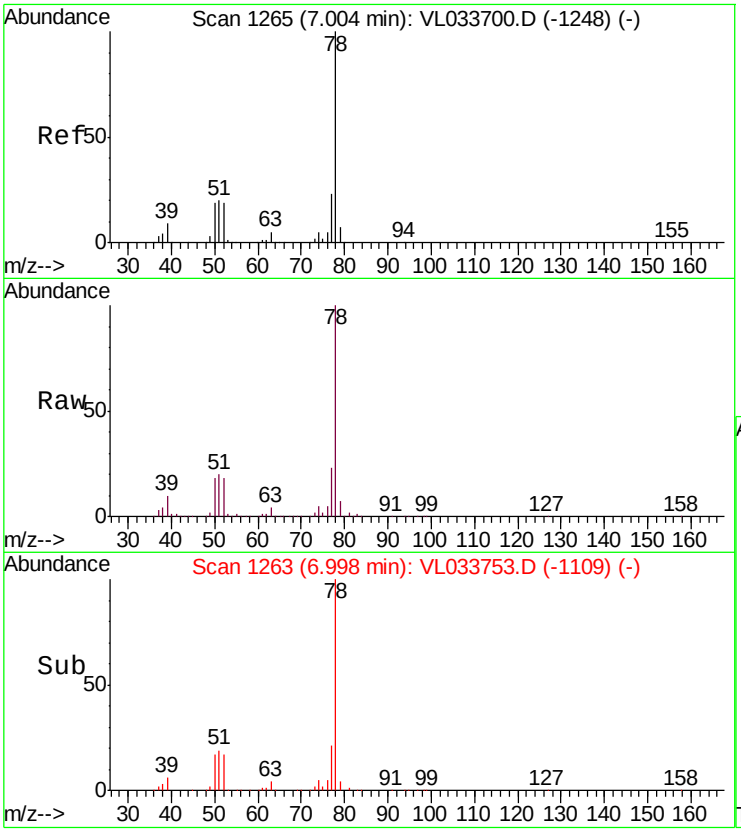


#35
Carbon Tetrachloride
Concen: 1.679 ppbv
RT: 7.13 min Scan# 1305
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:117 Resp: 359482

Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.2	115.8
121	31.1	24.1	36.1



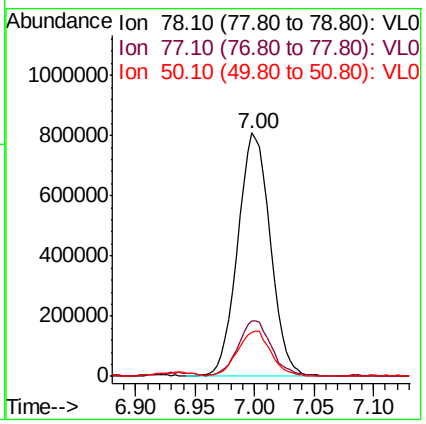


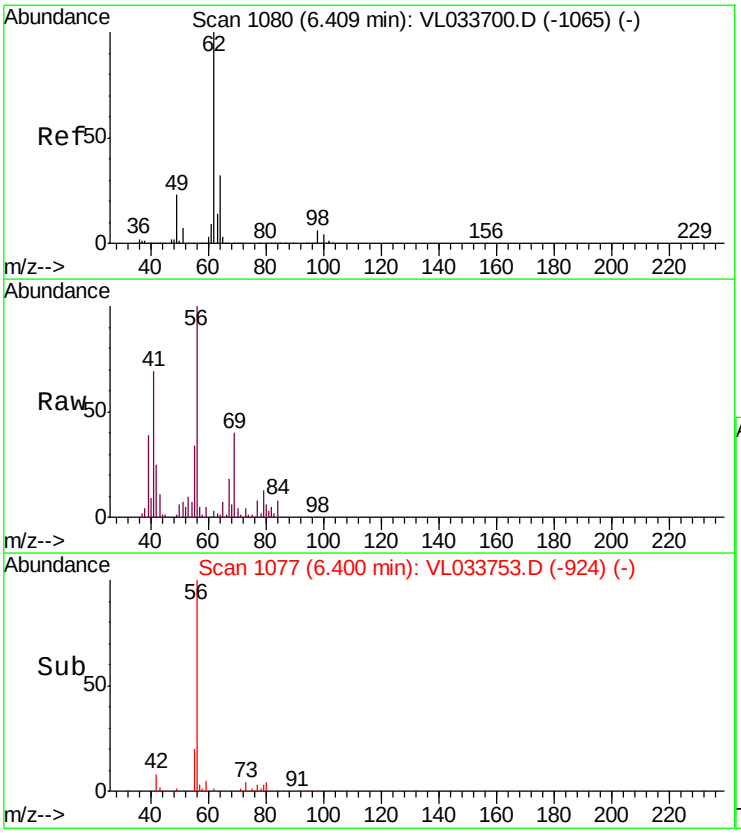
#36
Benzene
Concen: 6.278 ppbv
RT: 7.00 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 78 Resp: 1526447

Ion	Ratio	Lower	Upper
78	100		
77	22.5	18.4	27.6
50	17.7	15.5	23.3

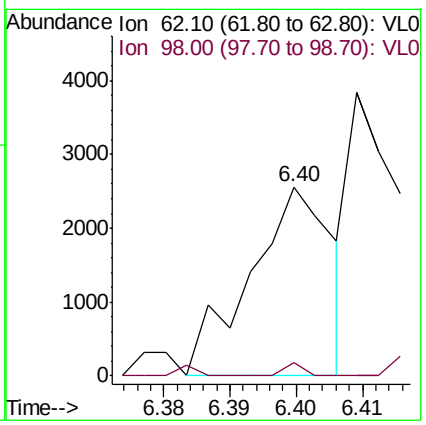


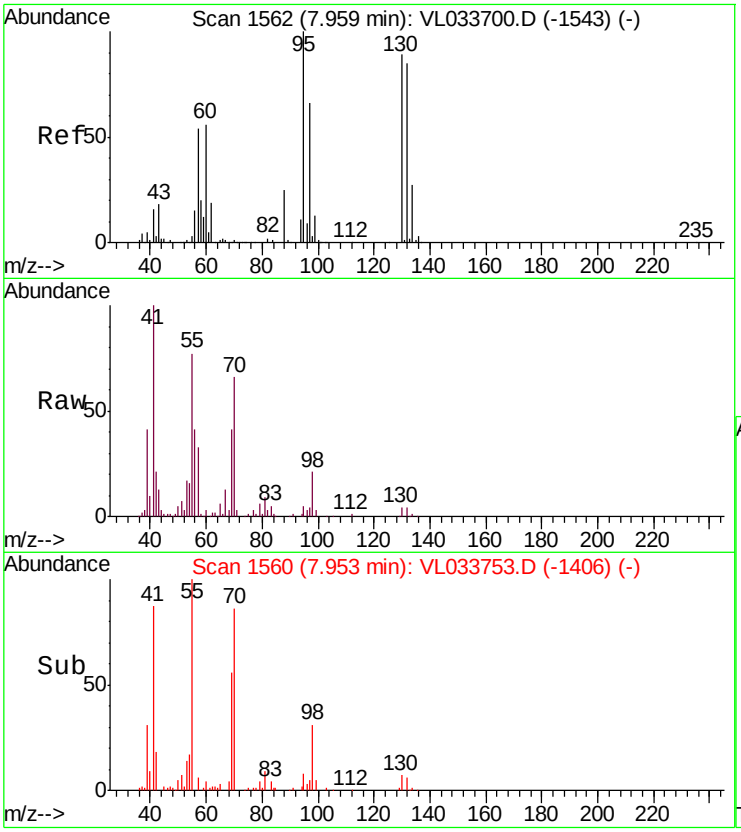


#37
1,2-Dichloroethane
Concen: 0.014 ppbv
RT: 6.40 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 62 Resp: 2197

Ion	Ratio	Lower	Upper
62	100		
98	0.0	4.5	6.7#



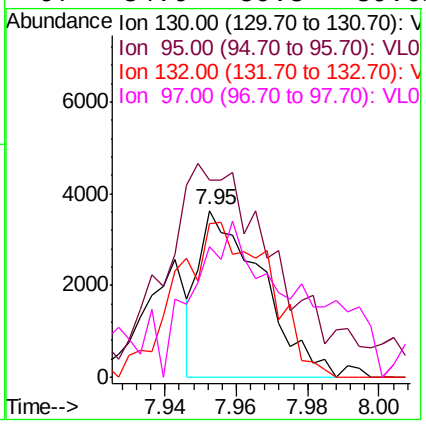


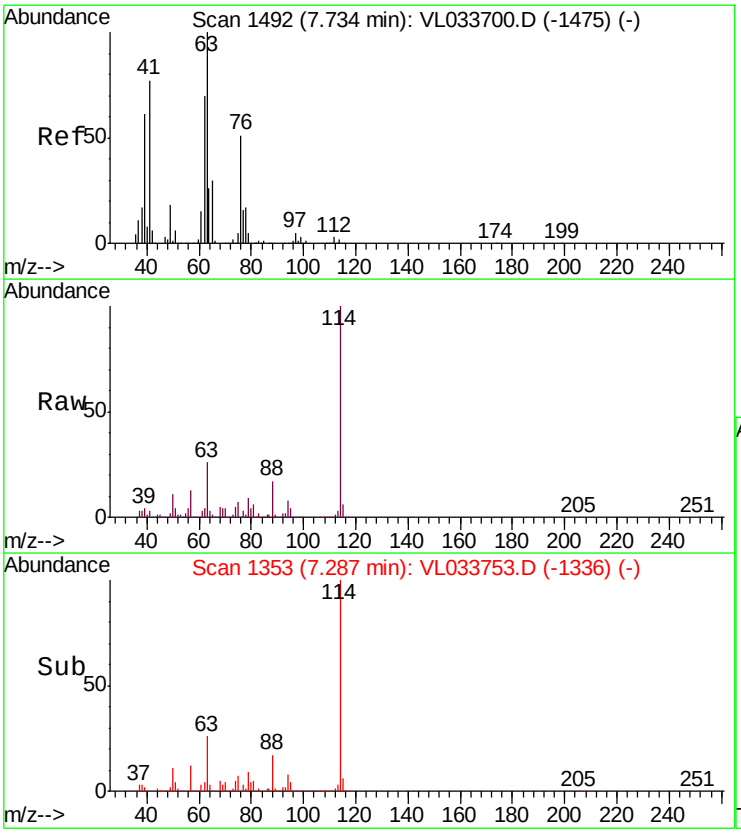
#38
Trichloroethene
Concen: 0.049 ppbv
RT: 7.95 min Scan# 1560
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Tgt Ion:130 Resp: 4403

Ion	Ratio	Lower	Upper
130	100		
95	89.5	90.2	135.4#
132	92.2	76.4	114.6
97	34.6	59.8	89.6#

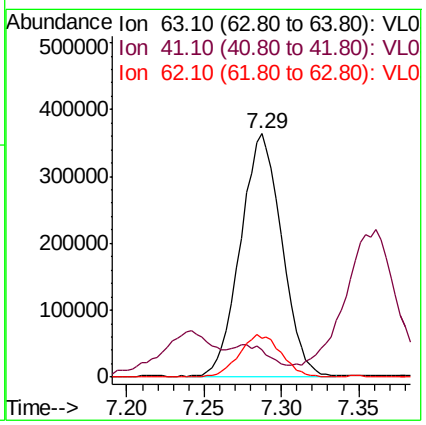


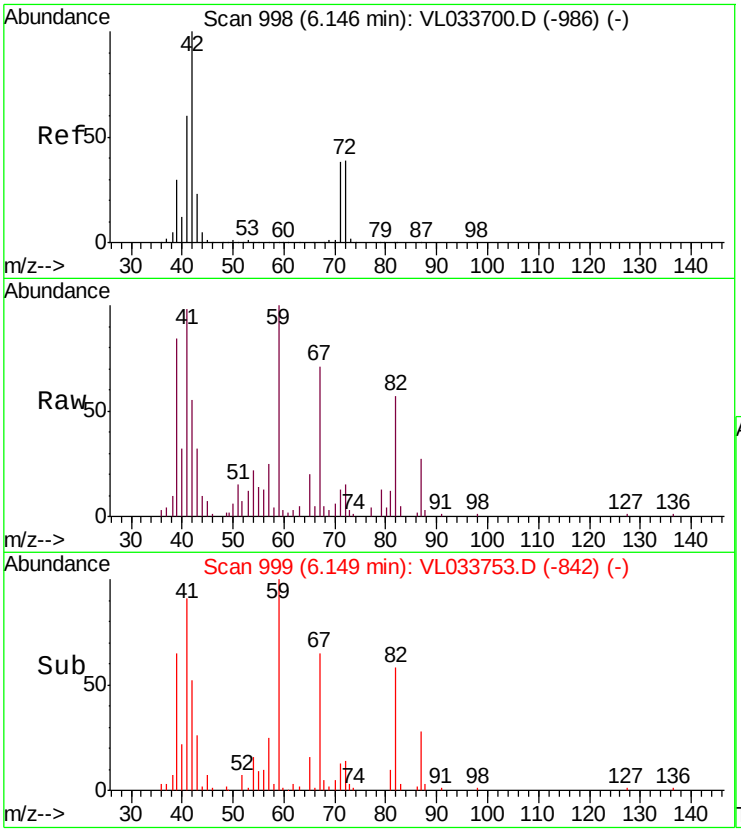


#39
1,2-Dichloropropane
Concen: 7.447 ppbv
RT: 7.29 min Scan# 1353
Delta R.T. -0.45 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 63 Resp: 674997

Ion	Ratio	Lower	Upper
63	100		
41	0.0	61.5	92.3#
62	16.1	56.2	84.4#



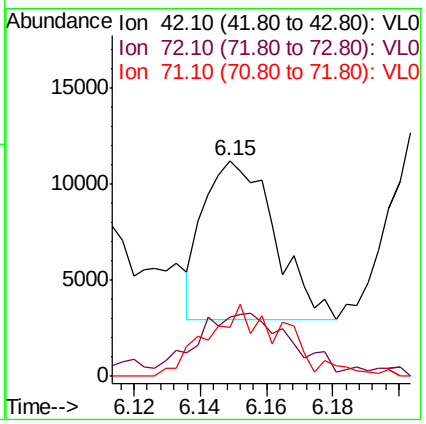


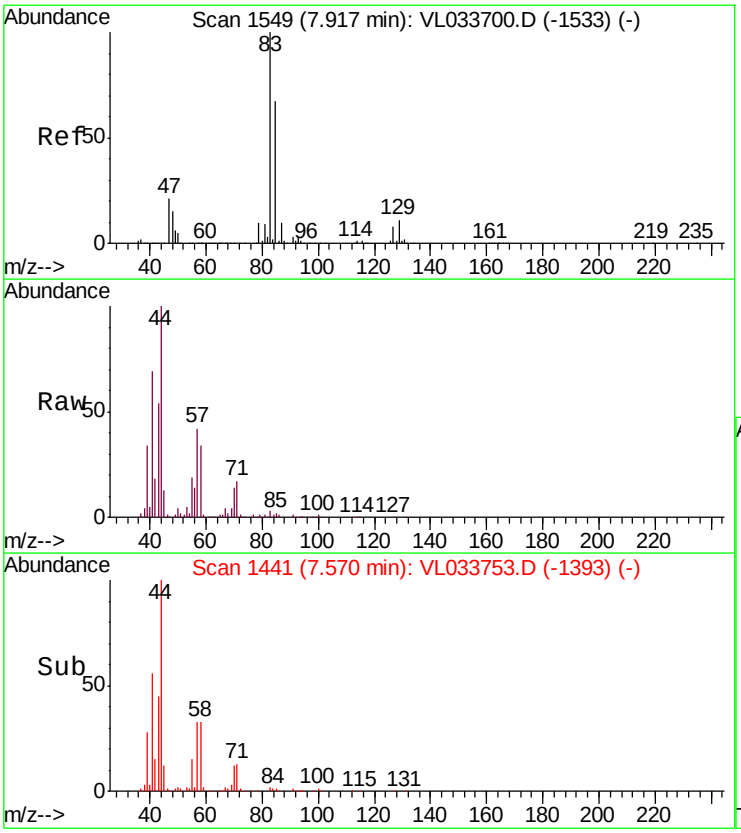
#41
Tetrahydrofuran
Concen: 0.132 ppbv
RT: 6.15 min Scan# 999
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Tgt Ion: 42 Resp: 12256

Ion	Ratio	Lower	Upper
42	100		
72	69.4	32.0	48.0#
71	50.6	30.4	45.6#

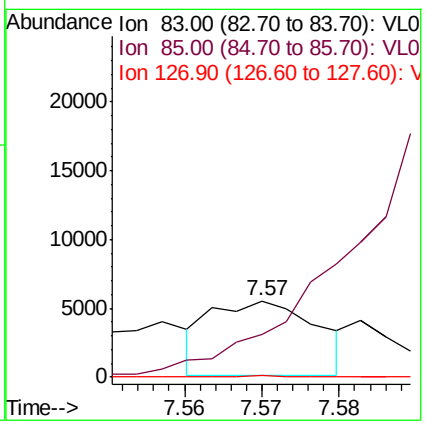


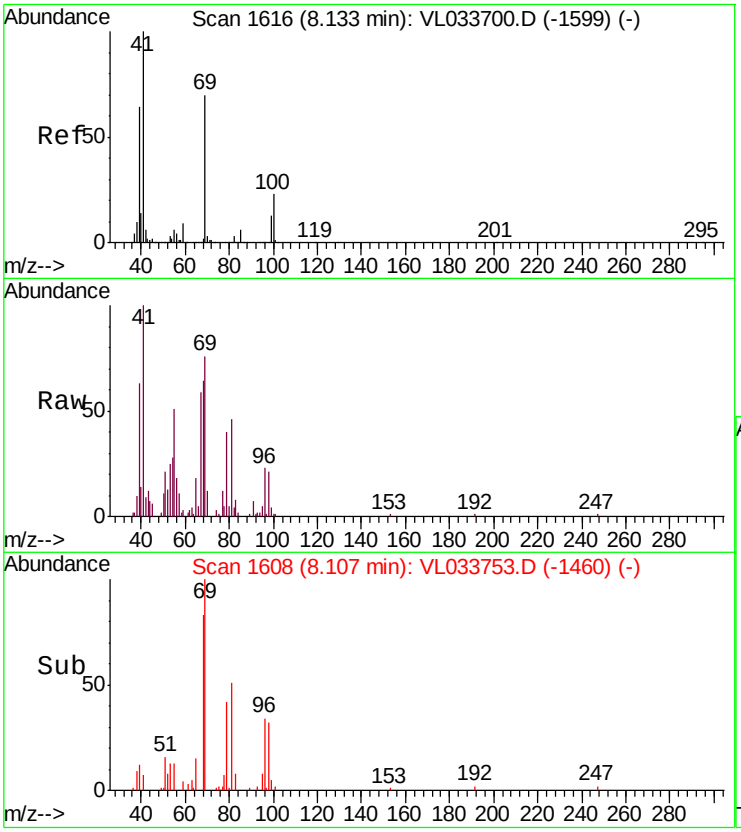


#42
Bromodichloromethane
Concen: 0.024 ppbv
RT: 7.57 min Scan# 1441
Delta R.T. -0.35 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 83 Resp: 5189

Ion	Ratio	Lower	Upper
83	100		
85	73.4	53.3	79.9
127	7.5	6.5	9.7



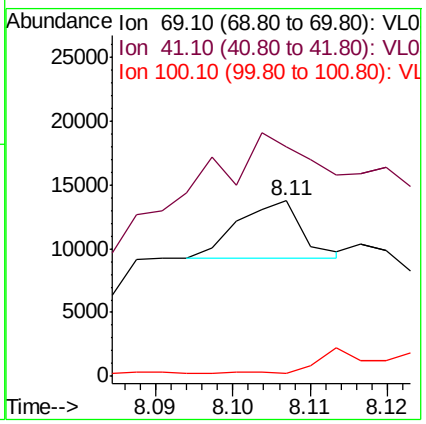


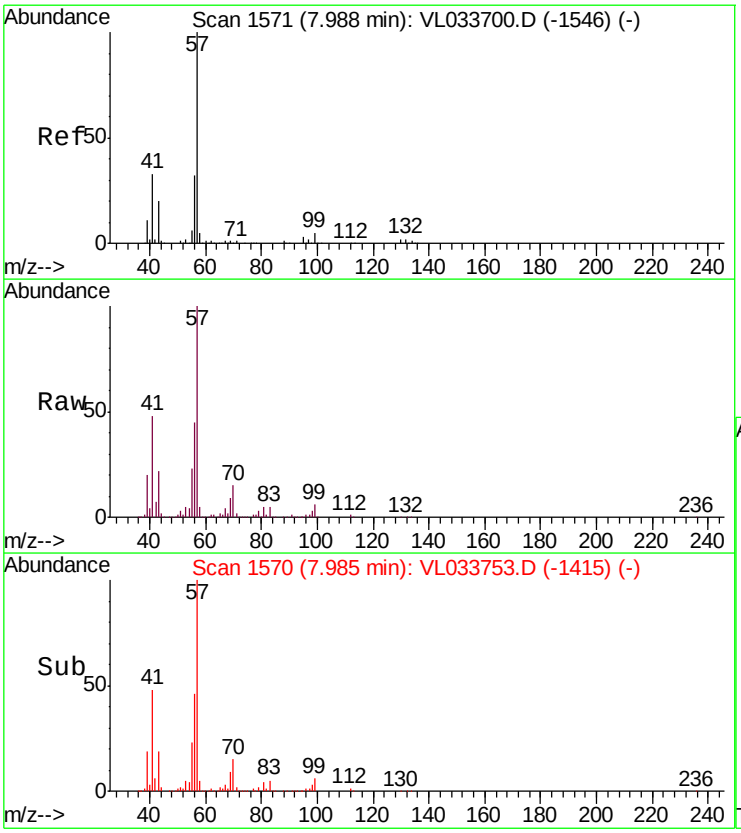
#43
Methyl Methacrylate
Concen: 0.028 ppbv
RT: 8.11 min Scan# 1608
Delta R.T. -0.03 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 69 Resp: 2540

Ion	Ratio	Lower	Upper
69	100		
41	1708.4	116.3	174.5#
100	0.0	25.3	37.9#

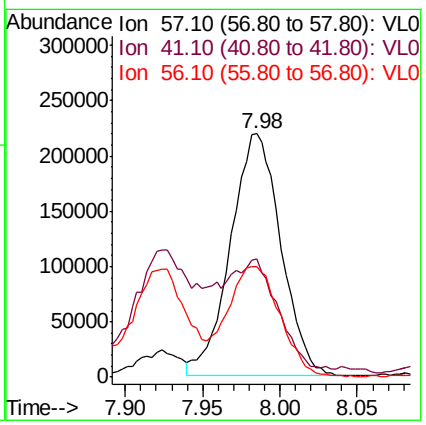


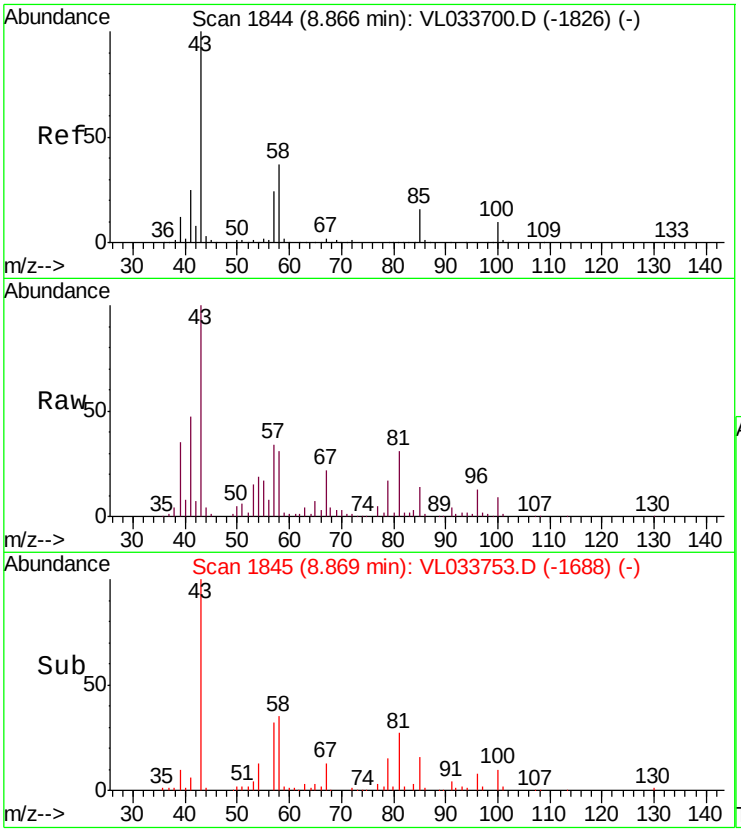


#44
2,2,4-Trimethylpentane
Concen: 1.209 ppbv
RT: 7.98 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 57 Resp: 496741

Ion	Ratio	Lower	Upper
57	100		
41	44.9	25.4	38.0#
56	47.8	24.7	37.1#



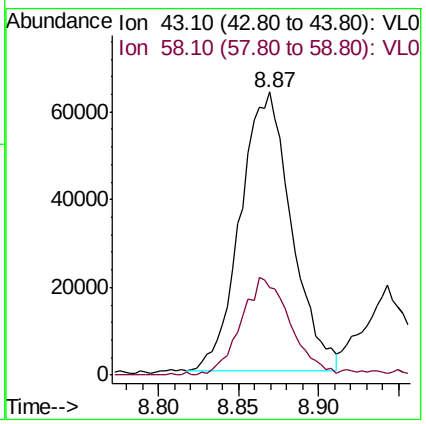


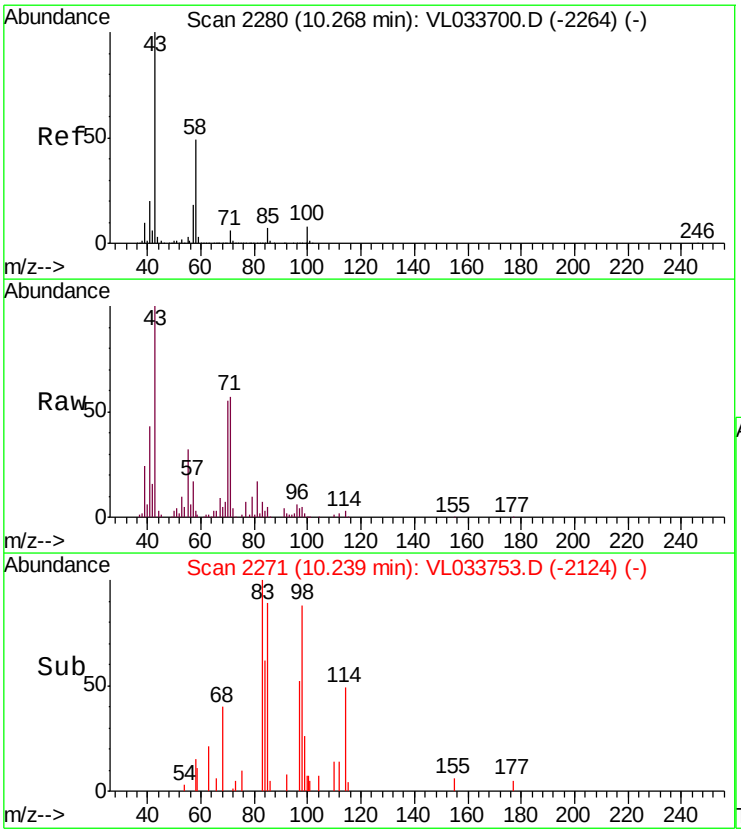
#50
4-Methyl-2-Pentanone
Concen: 0.548 ppbv
RT: 8.87 min Scan# 1845
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 43 Resp: 139710

Ion	Ratio	Lower	Upper
43	100		
58	35.7	28.6	43.0

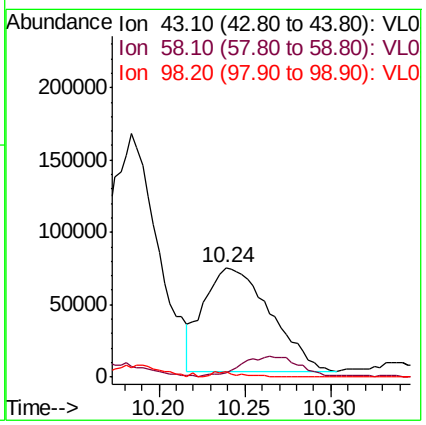


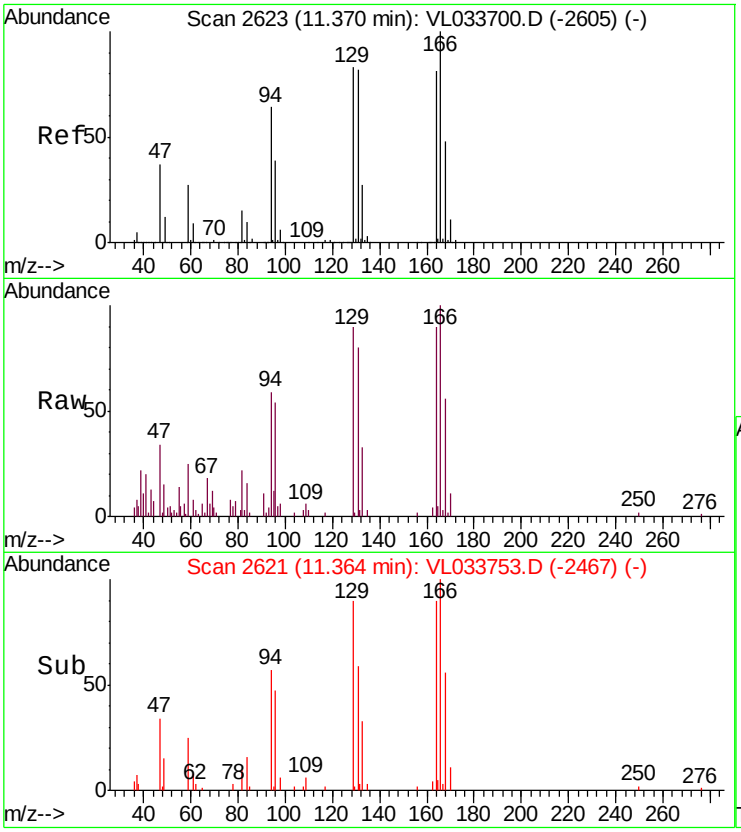


#51
2-Hexanone
Concen: 0.970 ppbv
RT: 10.24 min Scan# 2271
Delta R.T. -0.03 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 43 Resp: 193005

Ion	Ratio	Lower	Upper
43	100		
58	16.3	38.7	58.1#
98	2.2	0.2	0.4#



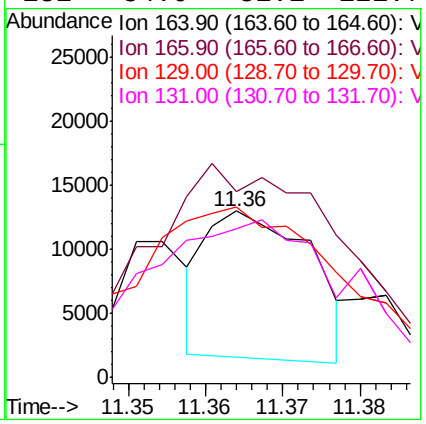


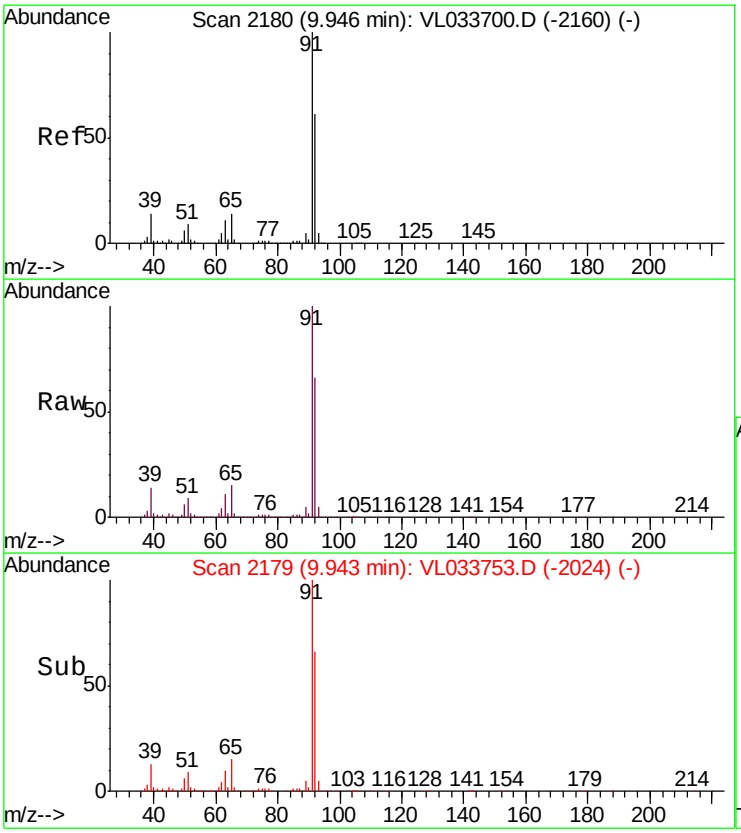
#52
Tetrachloroethene
Concen: 0.125 ppbv
RT: 11.36 min Scan# 2621
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Tgt Ion:164 Resp: 10673

Ion	Ratio	Lower	Upper
164	100		
166	49.3	98.9	148.3#
129	72.8	81.8	122.6#
131	84.0	81.1	121.7

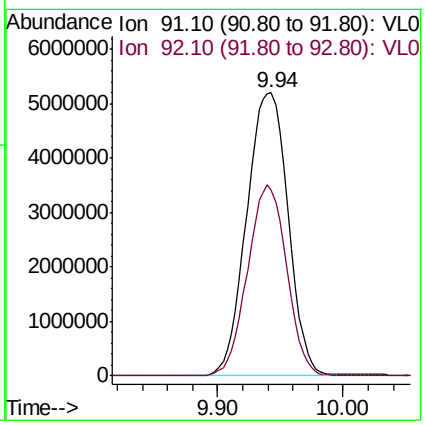


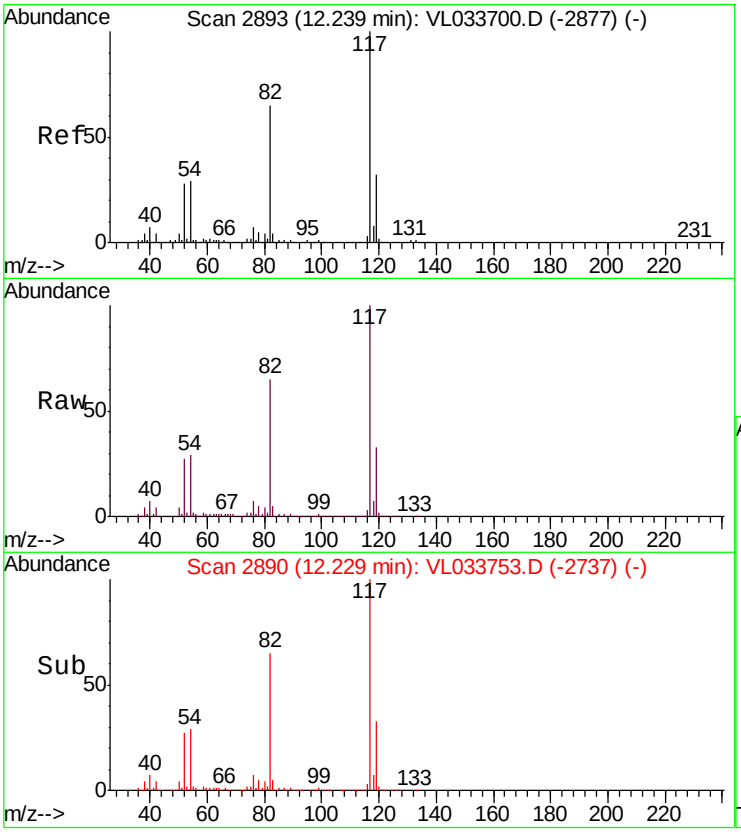


#53
Toluene
Concen: 45.584 ppbv
RT: 9.94 min Scan# 2179
Delta R.T. -0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 91 Resp:11953609

Ion	Ratio	Lower	Upper
91	100		
92	63.6	47.6	71.4



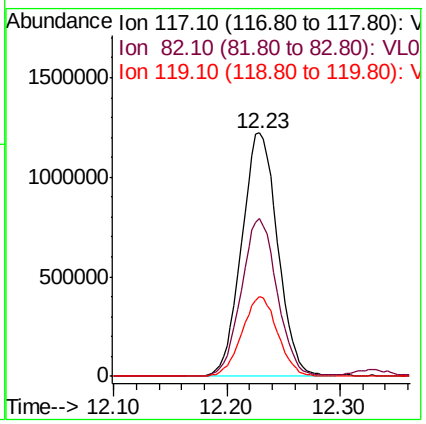


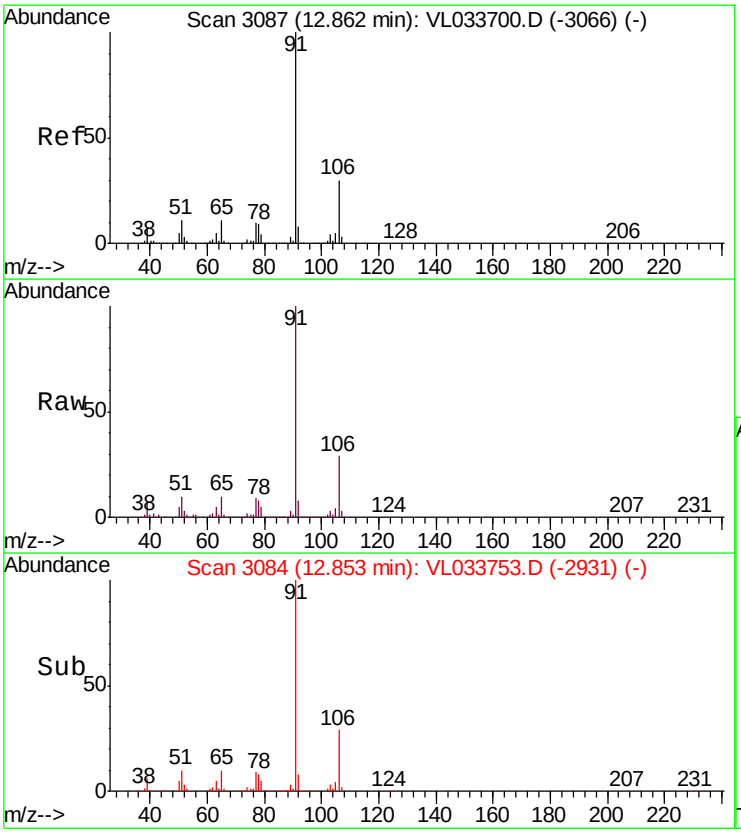
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.23 min Scan# 2890
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Tgt Ion:117 Resp: 2707092

Ion	Ratio	Lower	Upper
117	100		
82	64.4	49.4	74.0
119	32.7	24.9	37.3

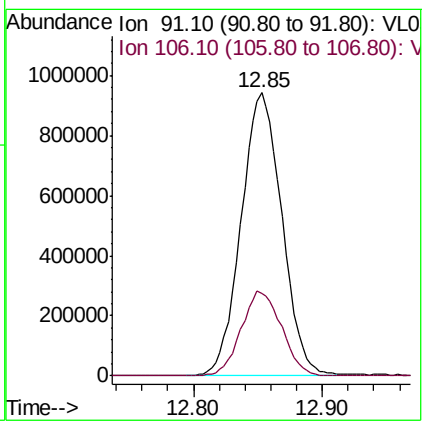


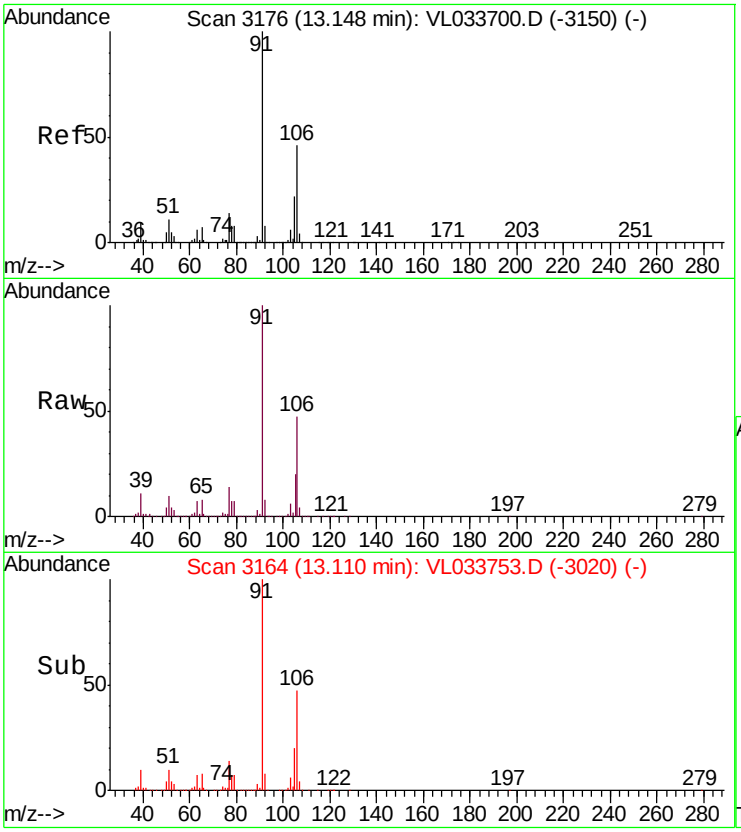


#58
Ethyl Benzene
Concen: 5.769 ppbv
RT: 12.85 min Scan# 3084
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 91 Resp: 2068023

Ion	Ratio	Lower	Upper
91	100		
106	29.3	23.9	35.9



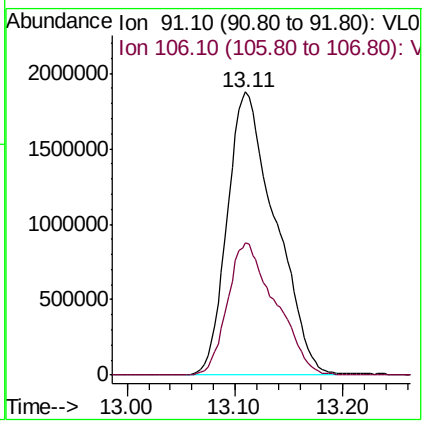


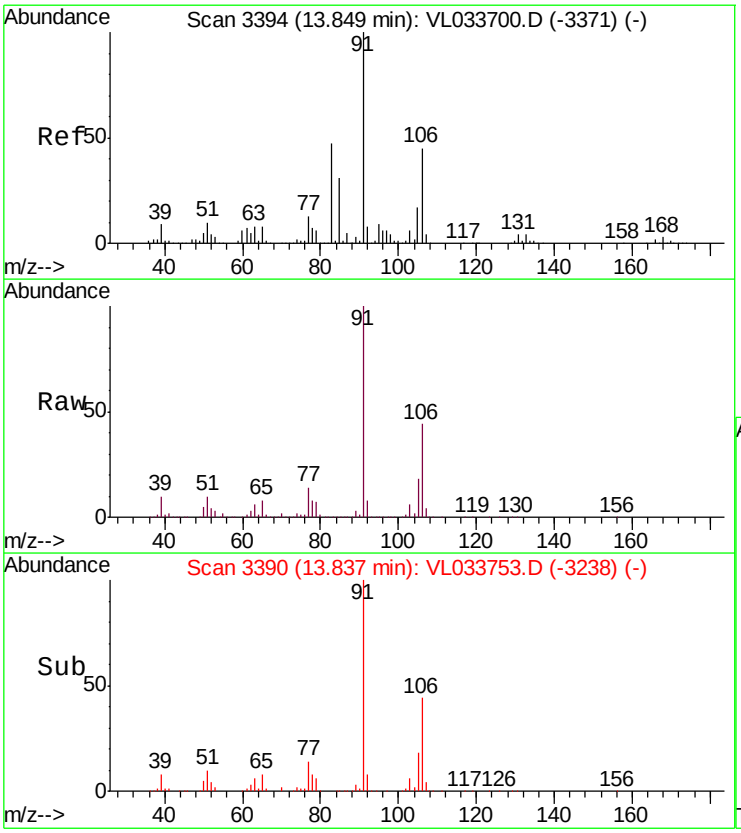
#59
m/p-Xylene
Concen: 18.544 ppbv
RT: 13.11 min Scan# 3164
Delta R.T. -0.04 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 91 Resp: 5811262

Ion	Ratio	Lower	Upper
91	100		
106	47.0	35.8	53.6

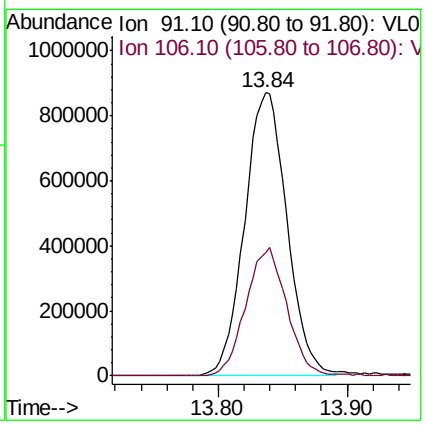


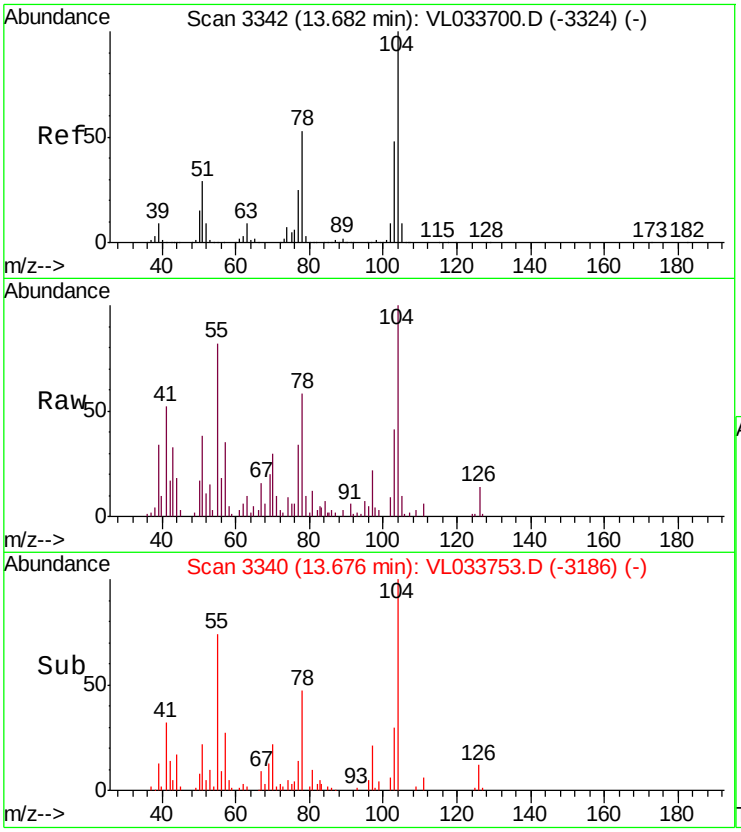


#60
o-Xylene
Concen: 6.295 ppbv
RT: 13.84 min Scan# 3390
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 91 Resp: 1988700

Ion	Ratio	Lower	Upper
91	100		
106	44.4	21.6	64.8



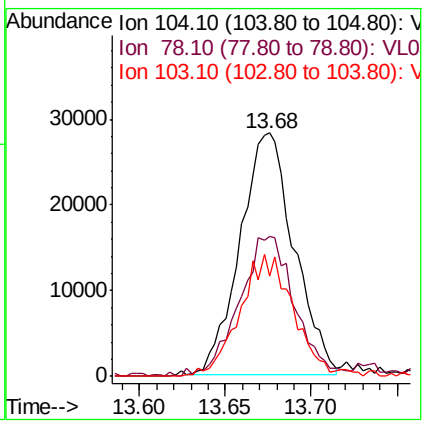


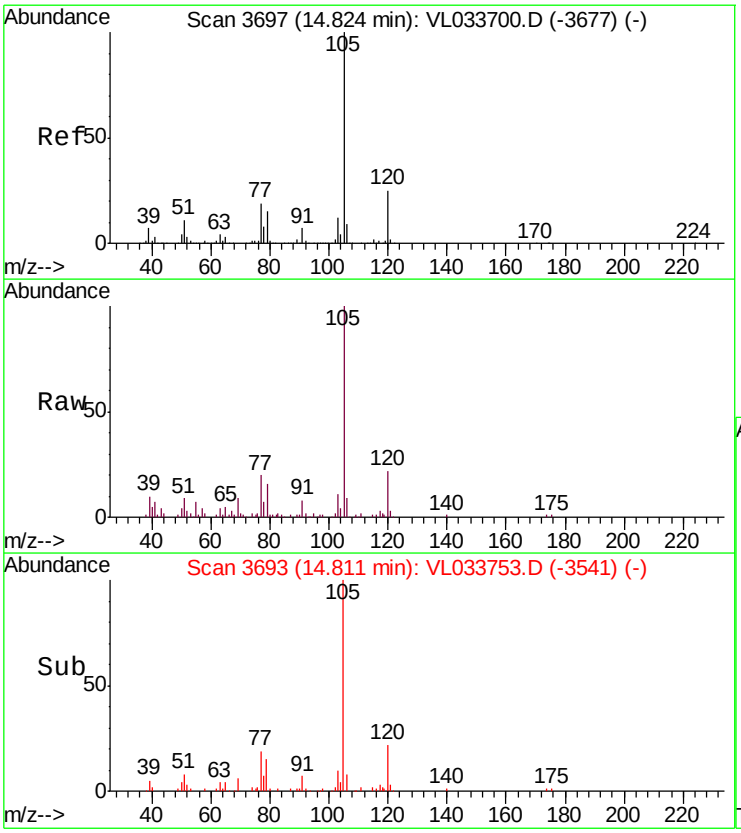
#61
Styrene
Concen: 0.291 ppbv
RT: 13.68 min Scan# 3340
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Tgt Ion:104 Resp: 61799

Ion	Ratio	Lower	Upper
104	100		
78	59.3	42.6	64.0
103	50.0	37.8	56.6

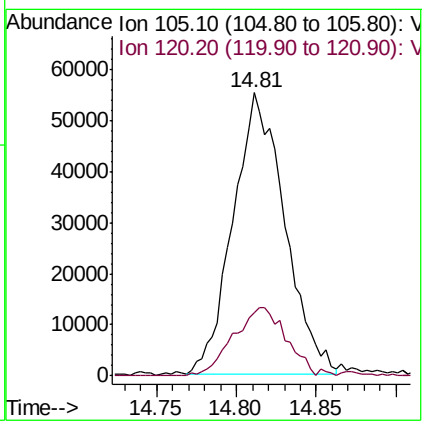


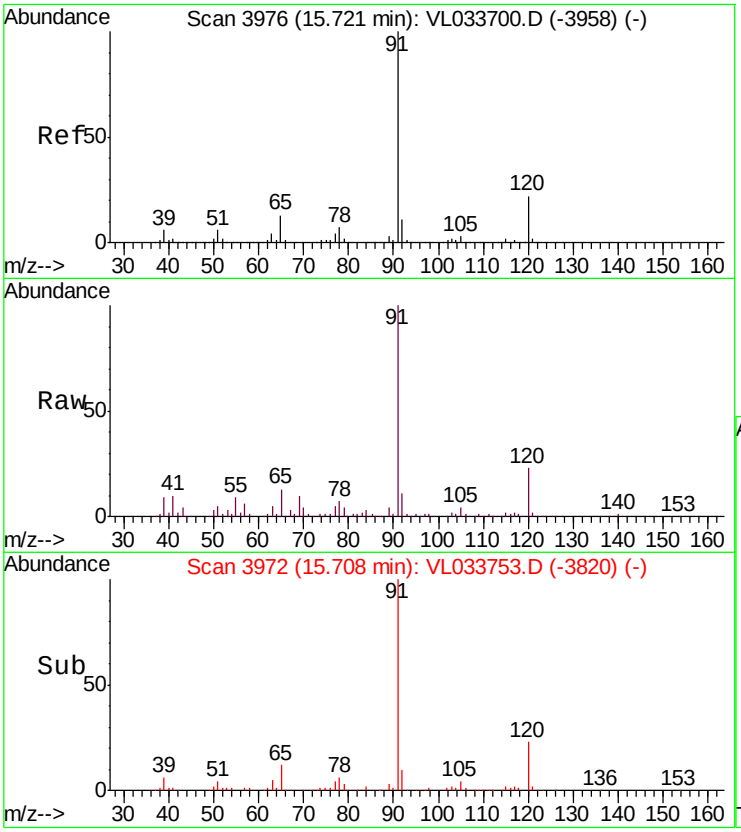


#62
Isopropylbenzene
Concen: 0.287 ppbv
RT: 14.81 min Scan# 3693
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:105 Resp: 122055

Ion	Ratio	Lower	Upper
105	100		
120	25.1	20.1	30.1



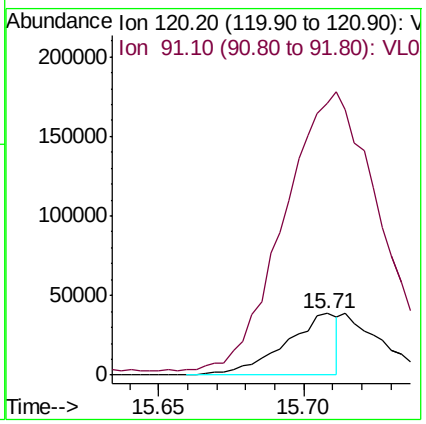


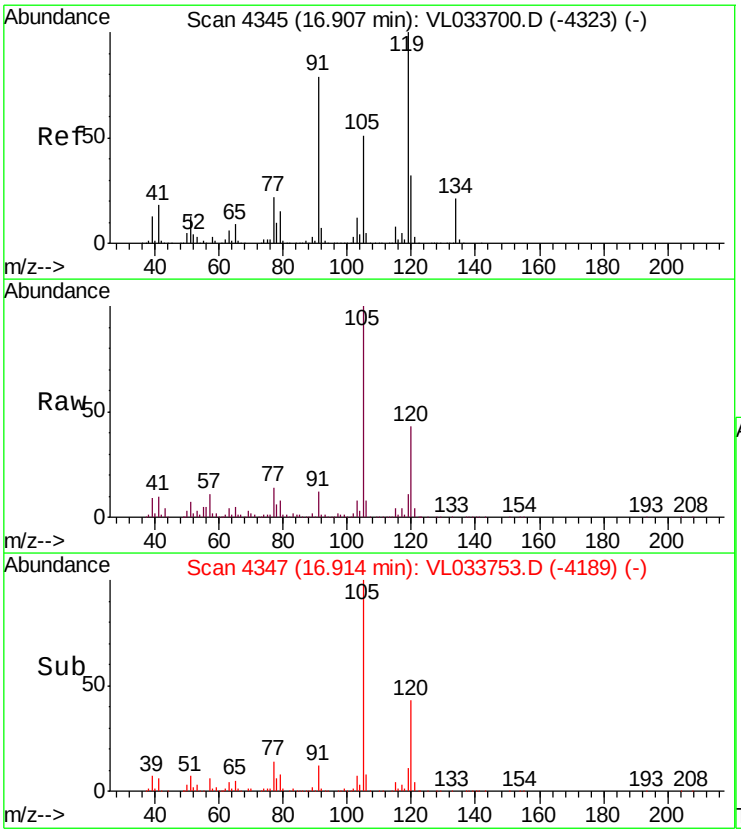
#64
n-propylbenzene
Concen: 0.442 ppbv
RT: 15.71 min Scan# 3972
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument : MSVOA_L
ClientSampleId : BPS1-SG-3001-55

Tgt Ion:120 Resp: 48680

Ion	Ratio	Lower	Upper
120	100		
91	0.0	379.1	568.7#

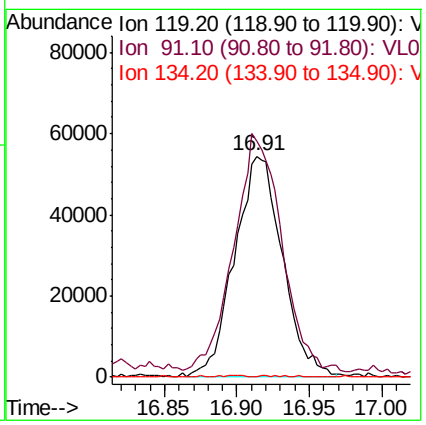


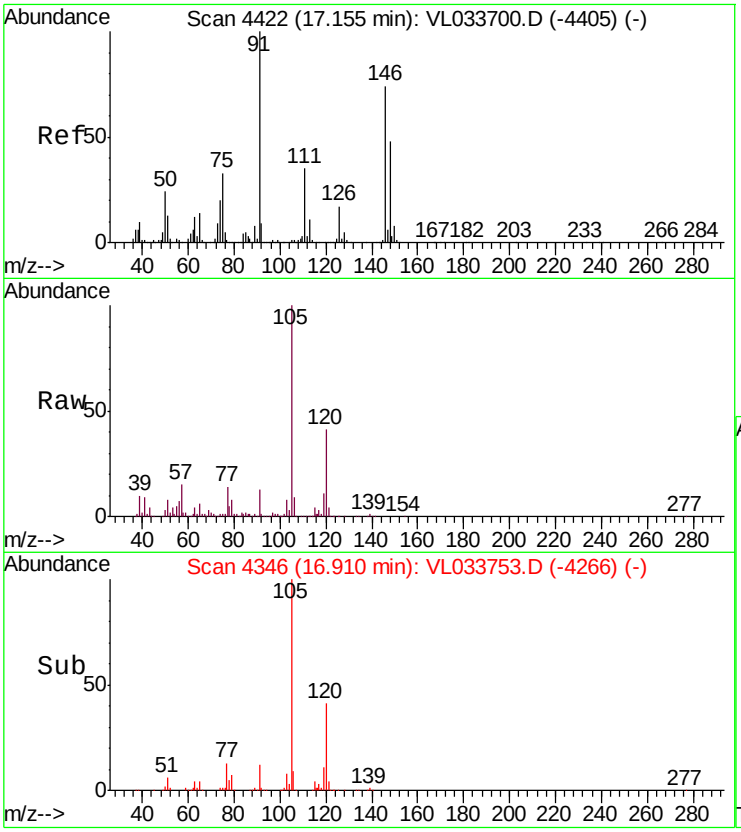


#65
tert-Butylbenzene
Concen: 0.322 ppbv
RT: 16.91 min Scan# 4347
Delta R.T. 0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:119 Resp: 125096

Ion	Ratio	Lower	Upper
119	100		
91	109.9	65.3	97.9#
134	0.5	15.7	23.5#



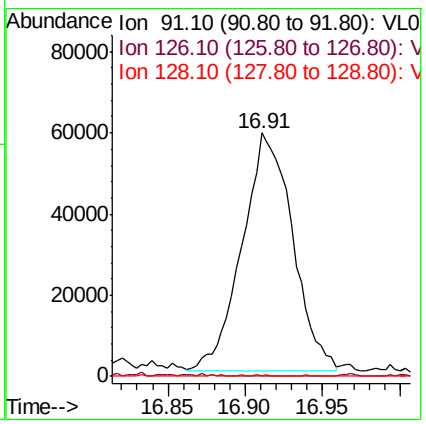


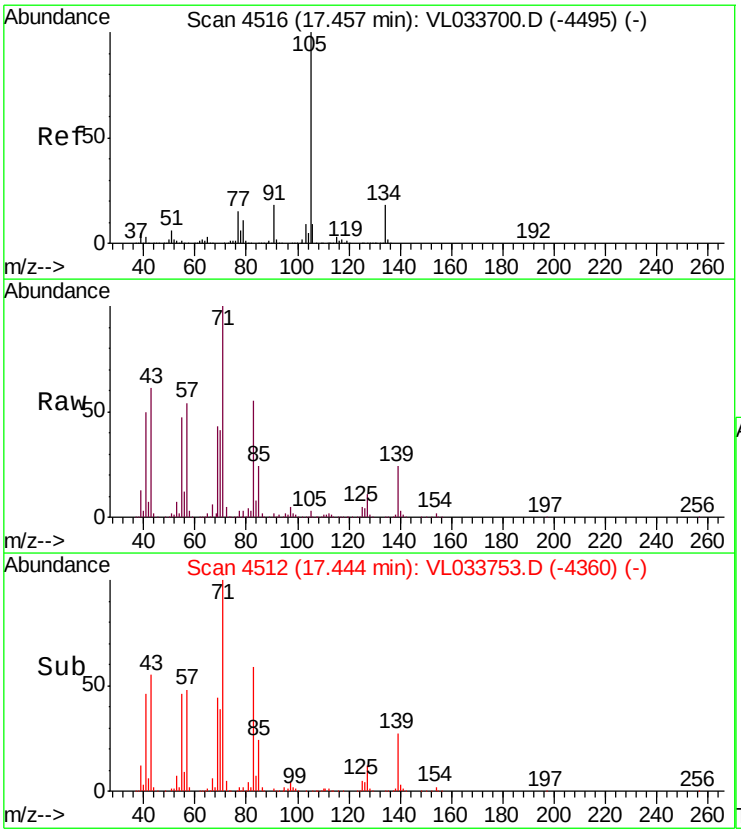
#66
Benzyl Chloride
Concen: 0.719 ppbv
RT: 16.91 min Scan# 4346
Delta R.T. -0.24 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 91 Resp: 133061

Ion	Ratio	Lower	Upper
91	100		
126	4.9	13.5	20.3#
128	0.0	4.3	6.5#

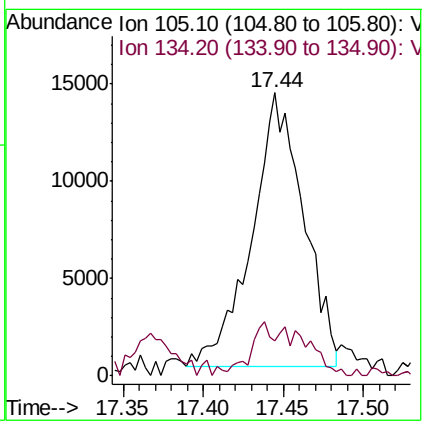


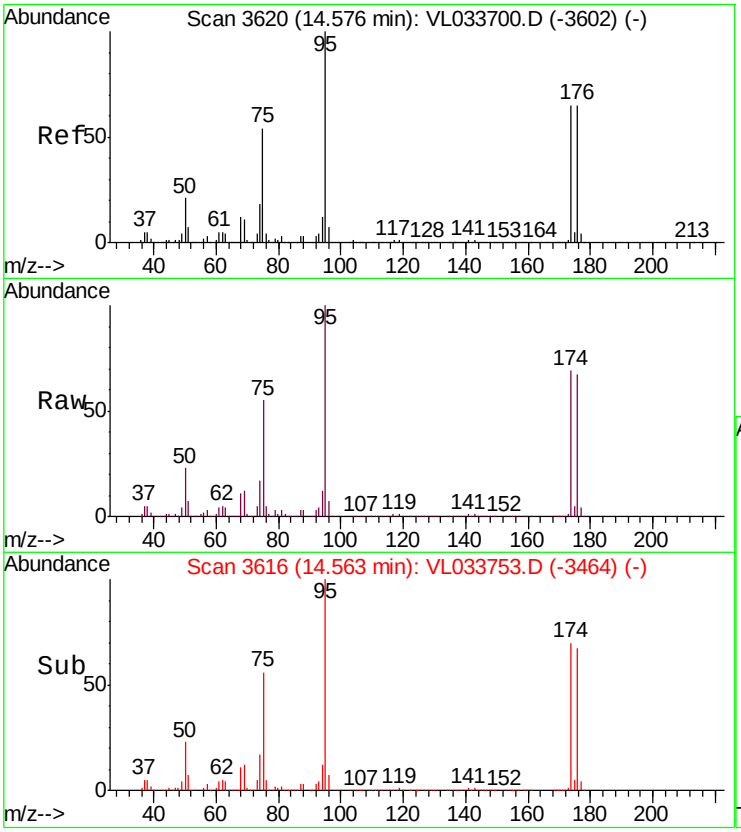


#67
sec-Butylbenzene
Concen: 0.058 ppbv
RT: 17.44 min Scan# 4512
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:105 Resp: 31515

Ion	Ratio	Lower	Upper
105	100		
134	20.1	14.6	22.0



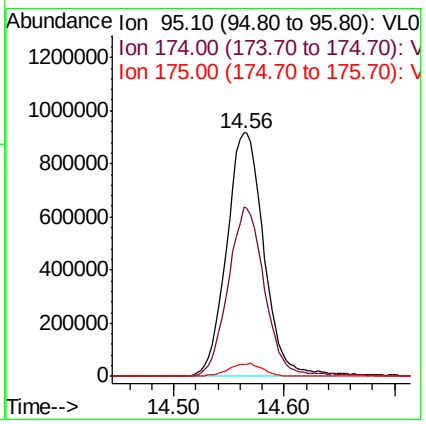


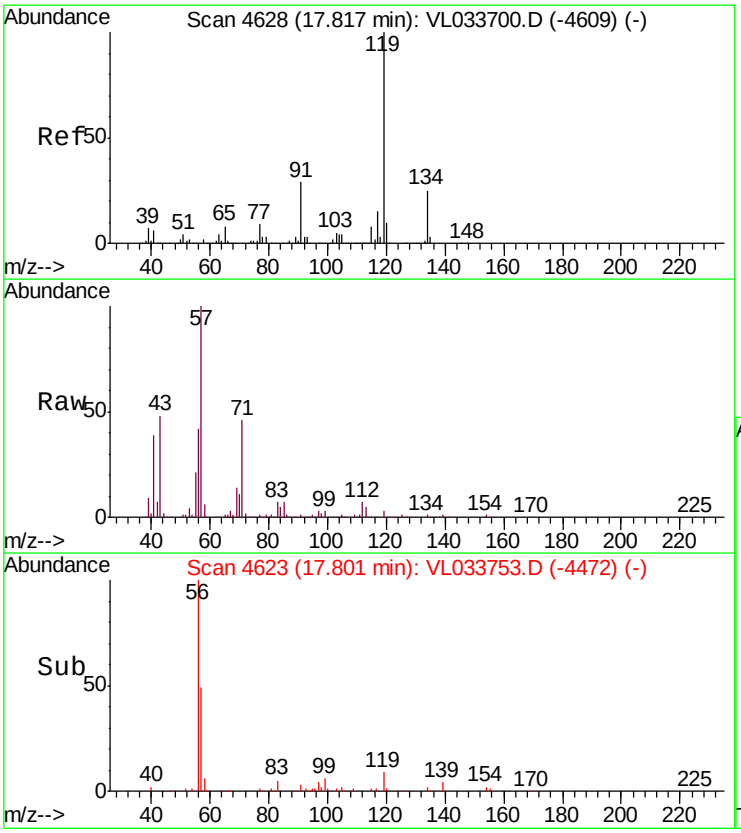
#68
1-Bromo-4-Fluorobenzene
Concen: 9.701 ppbv
RT: 14.56 min Scan# 3616
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 95 Resp: 2128873

Ion	Ratio	Lower	Upper
95	100		
174	68.9	53.9	80.9
175	5.0	3.8	5.8

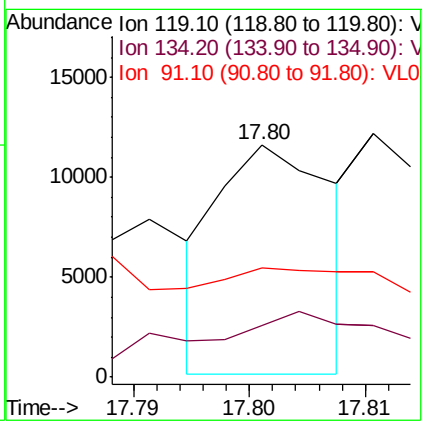


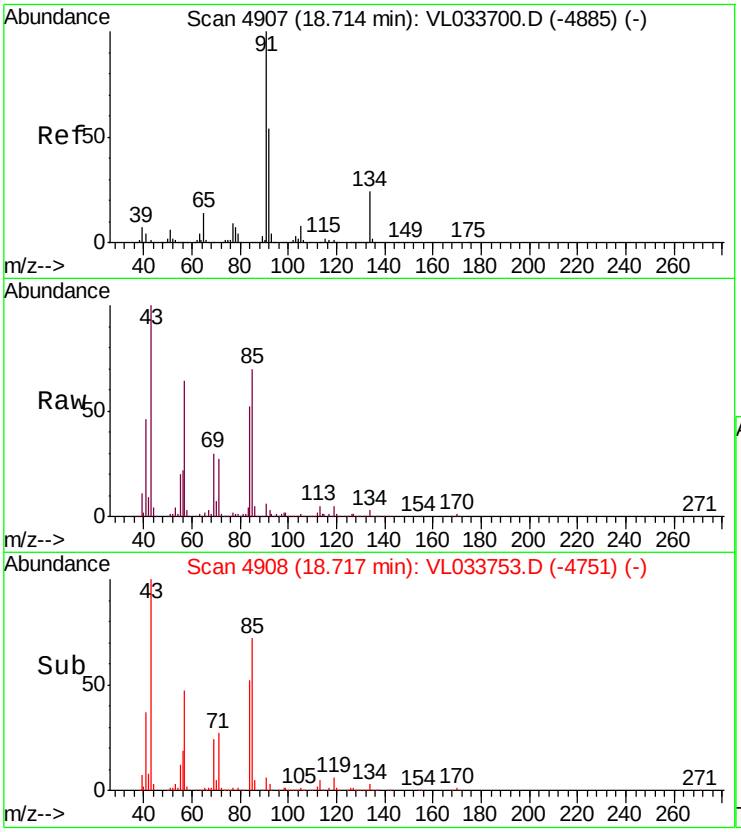


#69
p-Isopropyltoluene
Concen: 0.017 ppbv
RT: 17.80 min Scan# 4623
Delta R.T. -0.02 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:119 Resp: 7816

Ion	Ratio	Lower	Upper
119	100		
134	75.7	20.3	30.5#
91	80.6	23.1	34.7#



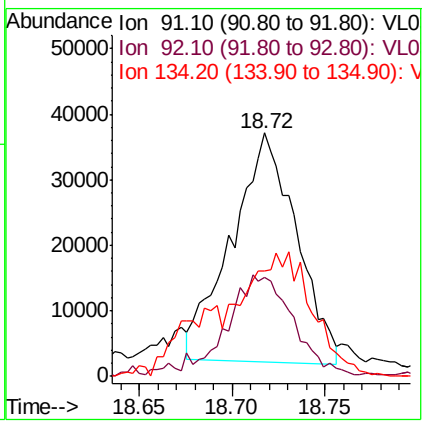


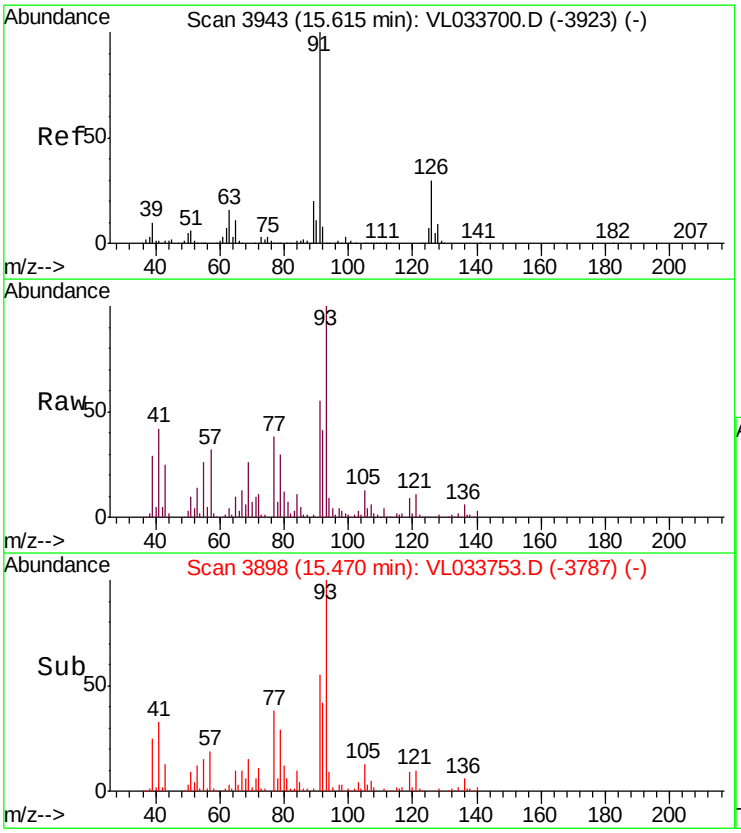
#70
n-Butylbenzene
Concen: 0.176 ppbv
RT: 18.72 min Scan# 4908
Delta R.T. 0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion: 91 Resp: 85016

Ion	Ratio	Lower	Upper
91	100		
92	45.1	42.6	63.8
134	77.7	18.1	27.1#

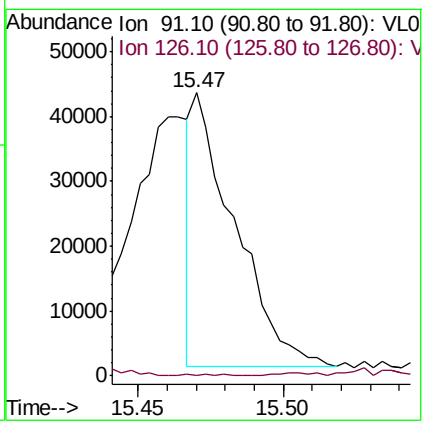


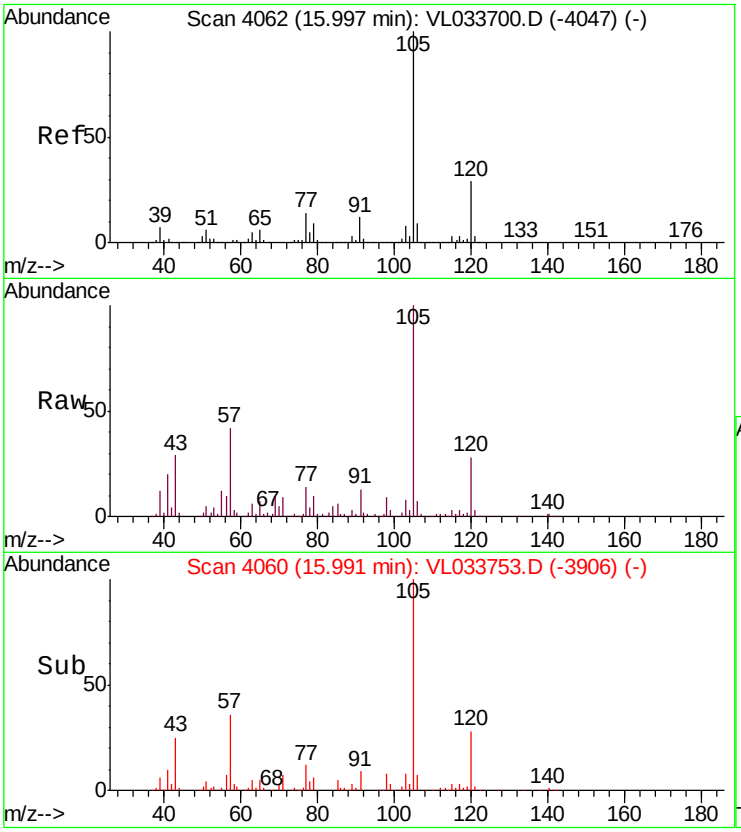


#71
2-Chlorotoluene
Concen: 0.136 ppbv
RT: 15.47 min Scan# 3898
Delta R.T. -0.14 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion: 91 Resp: 42795

Ion	Ratio	Lower	Upper
91	100		
126	4.5	12.0	47.8#



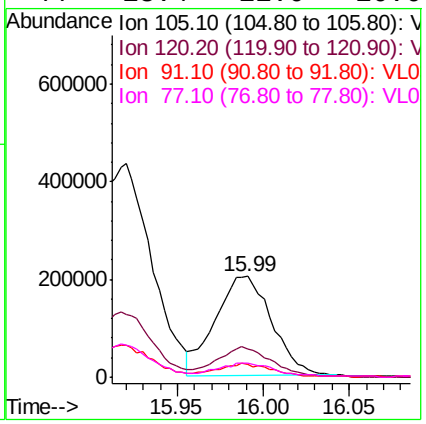


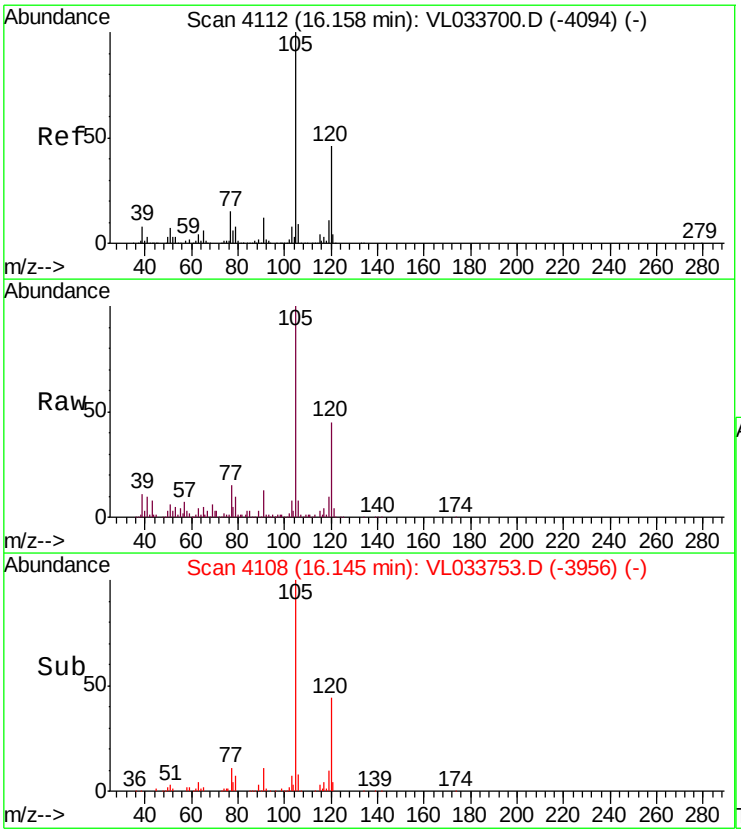
#72
4-Ethyltoluene
Concen: 1.284 ppbv
RT: 15.99 min Scan# 4060
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion:105 Resp: 463828

Ion	Ratio	Lower	Upper
105	100		
120	30.2	23.1	34.7
91	13.5	10.4	15.6
77	13.4	11.0	16.6

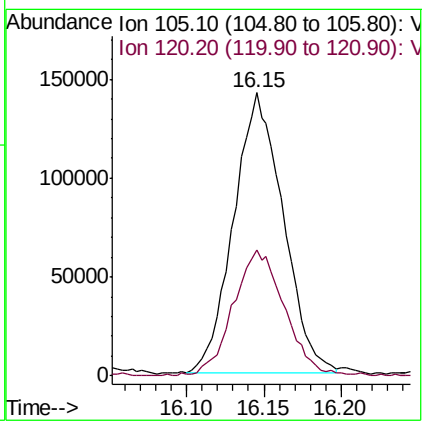


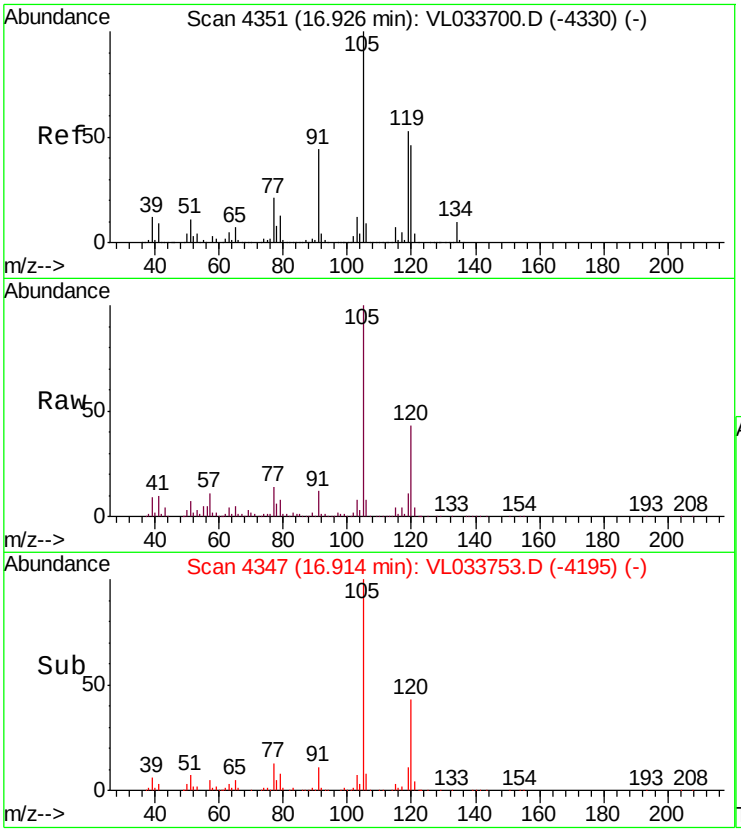


#73
1,3,5-Trimethylbenzene
Concen: 0.897 ppbv
RT: 16.15 min Scan# 4108
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:105 Resp: 316166

Ion	Ratio	Lower	Upper
105	100		
120	44.3	37.0	55.4



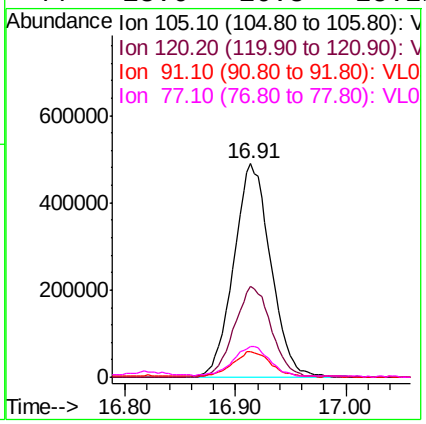


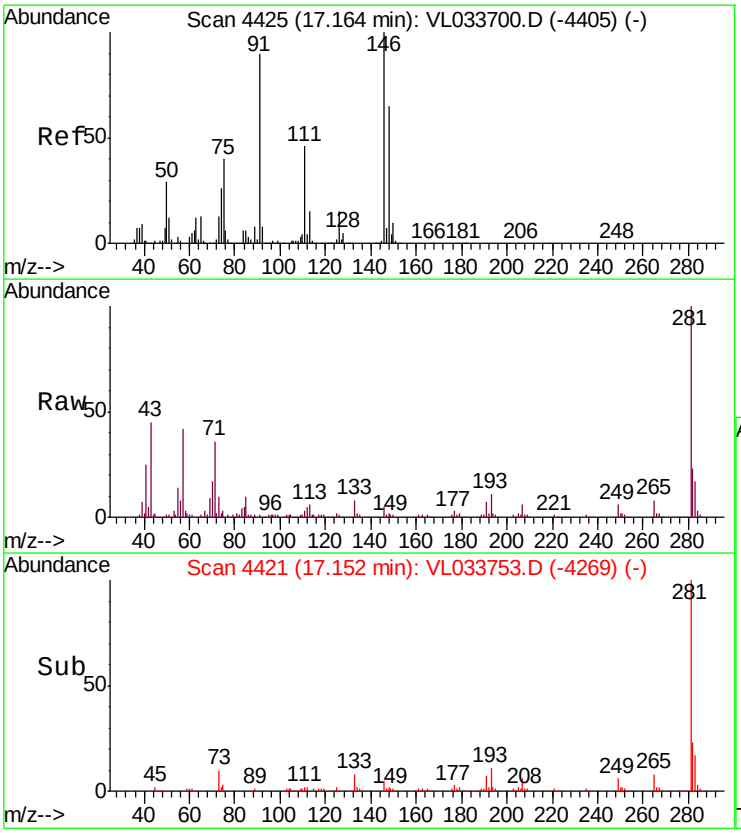
#74
1,2,4-Trimethylbenzene
Concen: 2.947 ppbv
RT: 16.91 min Scan# 4347
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion:105 Resp: 1130205

Ion	Ratio	Lower	Upper
105	100		
120	42.7	36.8	55.2
91	11.5	35.4	53.0#
77	13.6	16.8	25.2#

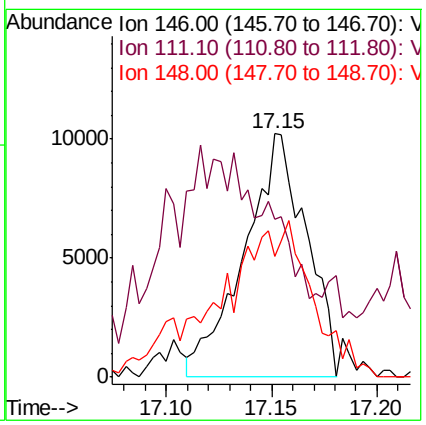


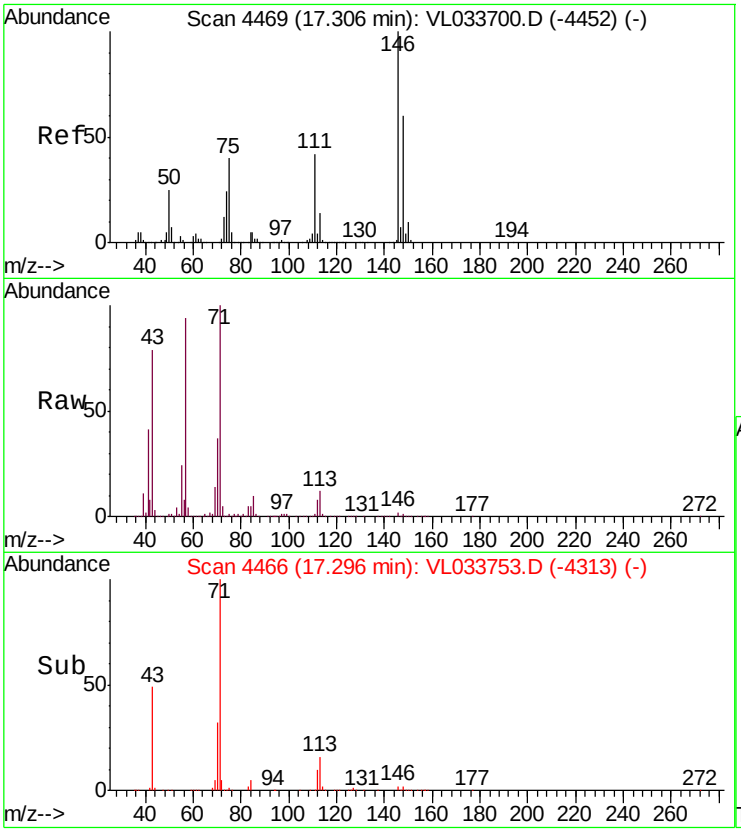


#75
1,3-Dichlorobenzene
Concen: 0.089 ppbv
RT: 17.15 min Scan# 4421
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:146 Resp: 20863

Ion	Ratio	Lower	Upper
146	100		
111	0.0	22.9	68.8#
148	98.6	32.0	96.2#



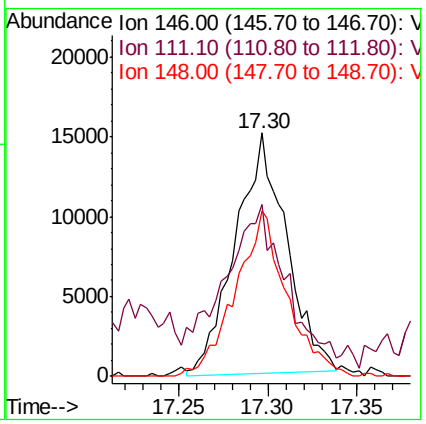


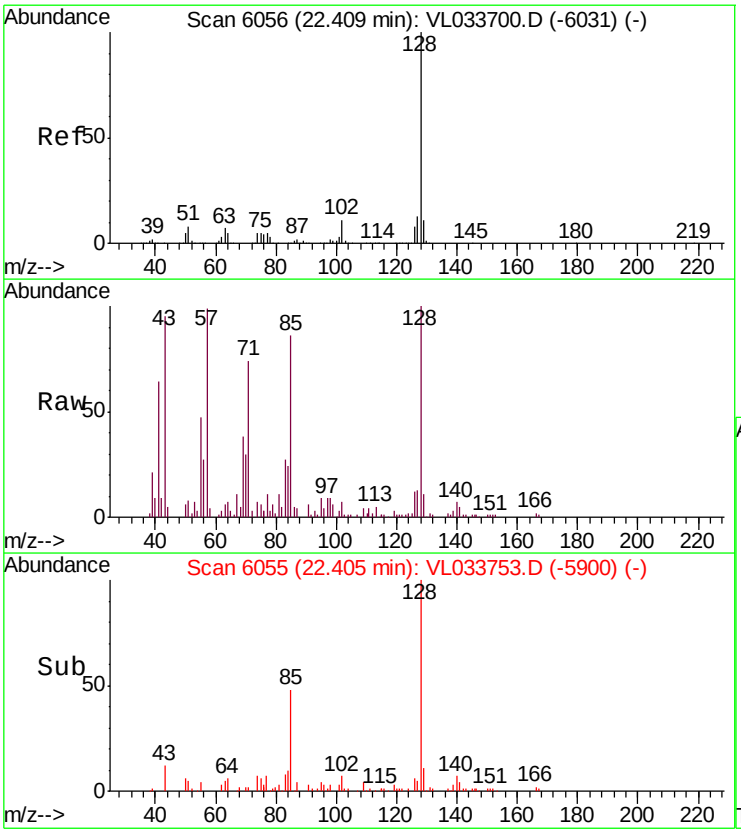
#76
1,4-Dichlorobenzene
Concen: 0.135 ppbv
RT: 17.30 min Scan# 4466
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion:146 Resp: 30130

Ion	Ratio	Lower	Upper
146	100		
111	83.5	21.9	65.8#
148	68.9	32.1	96.3

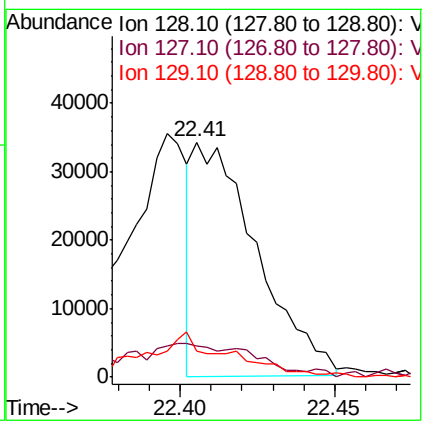


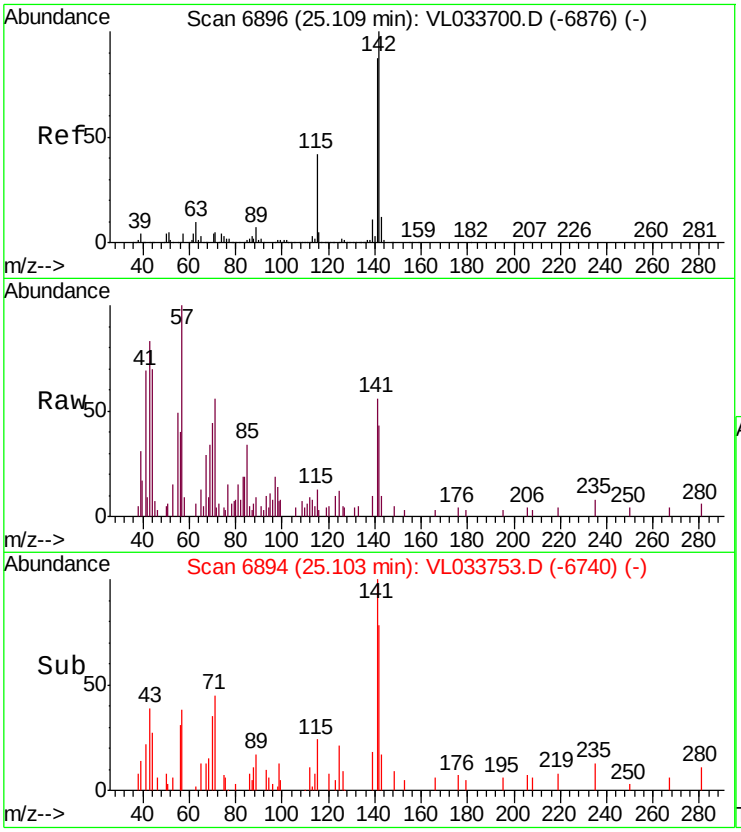


#79
Naphthalene
Concen: 0.136 ppbv
RT: 22.41 min Scan# 6055
Delta R.T. -0.00 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Tgt Ion:128 Resp: 48443

Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	9.1	8.9	13.3





#80
Naphthalene,2-methyl-
Concen: 0.040 ppbv
RT: 25.10 min Scan# 6894
Delta R.T. -0.01 min
Lab File: VL033753.D
Acq: 22 May 2019 20:47

Instrument :
MSVOA_L
ClientSampleId :
BPS1-SG-3001-55

Tgt Ion:142 Resp: 5418

Ion	Ratio	Lower	Upper
142	100		
141	132.6	67.2	100.8#
115	65.1	34.1	51.1#